DOCUMENT RESUME

ED 156 057 HE 010 187

AUTHOR DiNapoli, Joan B.
TITLE Academic Deans and Suicidal Individuals: Comparison and Contrast of Selected Behavioral Outcomes.
PUB DATE May 77
NOTE 197p.; Ph.D. Dissertation, Waldon University; appendixes may not reproduce well due to marginal legibility of original document

EDRS PRICE MF-$0.83 HC-$10.03 Plus Postage.
DESCRIPTORS *Administrator Characteristics; Attitudes; *Behavior Patterns; Behavior Theories; *College Deans; Doctoral Theses; Higher Education; Nursing; Occupational Surveys; Productivity; *Psychological Patterns; *Stress Variables; *Suicide

ABSTRACT

The research question for this dissertation study was: Do behavioral outcomes identified in people who commit suicide exist in people who publicly exhibit productive behavioral outcomes and have not attempted suicide? More specifically, do selective affective and physiological behavioral outcomes identified in people who kill themselves exist is deans of nursing? The aim was to identify these outcomes in a sample of academic deans of baccalaureate schools of nursing. A survey was used. All computer-generated tables are included. (MSE)

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ACADEMIC DEANS AND SUICIDAL INDIVIDUALS: COMPARISON AND CONTRAST OF SELECTED BEHAVIORAL OUTCOMES

By

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A Dissertation Submitted in Partial Fulfillment of
The Requirement for the Degree of
Doctor of Philosophy

WALDEN UNIVERSITY

May, 1977

HE 010 187

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ACKNOWLEDGEMENT

Appreciation is conveyed to Dr. Katherine Schenk, Dr. Lillian Bauder, Dr. Mary Hazzard and Dr. Robert Pitcher for their critical guidance in planning, executing and reporting this study.

A note of gratitude is expressed to Lawrence Mulbaier for statistical and computer assistance, and to Mildred Woody for exceptional secretarial skills and personal encouragement.

To the Rev. and Mrs. Leo Bridgers, my parents, The Adams Family and especially to my husband and son; a special thank you for the loving assistance and moral support during this project.

CHAPTER I

INTRODUCTION TO THE PROBLEM

One of the ten leading causes of death in America is suicide, the ultimate form of self-destruction. Each year approximately 25,000 persons kill themselves. (71,75). When confronted with this data, a question comes to mind. Do the same behaviors which produced suicidal outcomes in some individuals exist in others who do not kill themselves?

Definitions

To study this phenomena, selected terms were defined as follows:

Affective: "Relating to, arising from or influencing feelings or emotions." (30:35).

Behavior: Any activity of an individual including that activity occurring within the individual. (62:3).

Homeostasis: Process of maintaining a balance of behavioral outcomes in an individual. (9:32).

Outcome: Results or consequence of a behavior; described in terms of signs or symptoms.

Productive: "Having the capability or power of producing" or supporting growth or life. (30:1310).

Self-destructive: "Having the capability ... or effect of destroying" oneself. (30:615).

Stress: "Nonspecific response of the body to any demand made upon it." (65:27).

Stressor: Any demand "which produces stress" in an individual whether perceived as pleasant or unpleasant. (65:64).

Assumptions

Within the framework of the stated definitions, these assumptions about behavior were developed:

1. An activity defined as behavior was not inherently productive or self-destructive.
2. Behavior had measurable physiological and affective outcomes.
3. An outcome of a behavior was described as productive or self-destructive by its position on a productive - self-destructive continuum. (No outcomes were described as neutral. Rather, they were described by relative nearness to the productive or self-destructive end of the continuum.)
4. A behavioral outcome changed direction along the productive - self-destructive continuum as homeostasis occurred.
5. Stressors activated directional changes in behavioral outcome along this productive - self-destructive continuum.
6. Any stressor could increase or decrease the quantity of self-destructive behavioral outcomes.
7. An individual's perception of a stressor influenced directional and quantitative change in behavioral outcomes.
8. As the quantity of self-destructive outcomes increased, the risk of self-destruction increased.

Since it was assumed that any behavior had outcomes which were productive and/or self-destructive and that stressors activated the directional change and quantity of behavioral outcomes, the following

hypothesis evolved: Affective and physiological outcomes identified in people who commit suicide exist in those who do not attempt or commit suicide, but who exhibit productive behavioral outcomes.

Before pursuing these assumptions and the hypothesis, a question was asked. Was there evidence that opposing behavioral outcomes of productiveness and self-destructiveness existed in the same individual? The answer was positive.

Theoretically, physiological outcomes of behavior which enhance productivity coexist with those which enhance destruction. Bernard, as early as 1878, conceptualized life as an oscillating state of organic creation and destruction. (6).

Later Cannon refined Bernard's concepts about oscillating states of creation and destruction as he developed his propositions concerning homeostasis. Cannon thought of the body as an open system that continually strives for a dynamic steady state or balance between creation and destruction until death. He proposed "that factors which may be antagonistic in one region, where they effect a balance, may be co-operative in another region." (9:32). Cannon further suggested "that when a physiological factor is known which can shift a steady state in one direction, it is reasonable to look for a factor ... having a contrary or counterbalancing effect." (9:32).

In physiology the process of organic production and destruction not only offered evidence that opposing outcomes coexist, but supported the concept that these opposing outcomes had mutually inclusive components. As an example of this mutual inclusiveness, some

amino acids which were discovered to be essential components of tissue creation are concomitant products of tissue destruction.

Other examples of the coexistence of productive and self-destructive outcomes were found when the previously stated assumptions were tested. For instance drinking, a behavior, effected a productive outcome of cellular hydration or a destructive outcome of cellular toxicity. The same physiological activity which yielded a productive increased pulse rate could yield an increased rate which was destructive. In essence, an increased pulse rate was productive when preparing a person for fight or flight as theorized by Cannon. (9). Destructive results of an increased pulse were physiological shock and death. With these examples of behavior, there appeared to be no precise point in the continuum where the outcome described productive became the outcome described destructive.

In this brief overview, the coexistence of productive and destructive outcomes of physiological behaviors in the same individual were illustrated. There appear to be conceptual analogues between our internal and external world and empirical data which supports their interaction. Can it then be inferred that productive and destructive psycho-social behavioral outcomes coexist?

Before an attempt was made to identify evidence of the co-existence of these opposing psycho-social behaviors in man, a theoretical framework was developed. This framework incorporated concepts from psychoanalytical theories of Freud and Menninger, physiological theory of Selye, and social systems theory of Laszlo. (27,28,37,38,48,49,50).

Theoretical Framework

Freud, Abraham, and Menninger, three early psychoanalytical theorists, discussed the existence of an unconscious eros, the will to live and thanatos, the will to die. (1,27,48). They believed that an individual's "death-instinct or primary impulse of destructiveness (is) opposed by a life-instinct or primary impulse of creativeness and constructiveness...." (27:71). This destructiveness appears to include a large amount of self-destructiveness...." (27:71).

In the 1950's Menninger wrote:

> That the principle of homeostasis or steady maintenance can be applied to psychological phenomena and psychoanalytic theory .... The constructive and self-destructive drives of the organism must be so directed and modified as to permit the maintenance of a level of tension which is both tolerable and conducive to ... productive ... living and continued growth. (49:308).

Menninger thought that Selye's concept of stress and his paradigms concerning man's adaptation to stressors in order to maintain or regain homeostasis were applicable to the psychological system. (49:292-3). Stress, as theorized by Selye, seemed to be the dynamic force which shifts the outcomes of behavior along the productive - self-destructive continuum. (65:66). He defined stress as the "nonspecific response of the body to any demand made upon it." (65:27). The demand or stressor "is nonspecific (in that) it requires adaptation to a problem, irrespective of what that problem may be." (65:28). Selye further states that "it is immaterial whether the agent or situation we face is pleasant or unpleasant; all that counts is the intensity of the demand for ... adaptation." (65:29).

Although Selye's research was predominately physiological, his work supported Laszlo whose systems philosophy extended commonalities of Selye's paradigms to social systems and universes. (37,38,66). Man's adaptability within a homeostatic framework was an underlying assumption made by both Selye and Laszlo. "As we manipulate the organs and cells of our body ..., so we can manipulate the many strands of social and ecological relations around us." (38:120). Man's adaptability, as other aspects of life, has limits. There are limited paths to be chosen as one attempts to adapt to the stressors he faces. These choices are "bounded by the limits of compatibility with the dynamic structure of the whole." (38:74).

Laszlo stated that "sociocultural systems (such as universities) have openings for certain kinds of roles .... Roles are not made for given individuals, but for kinds of individuals classed according to qualification." (38:114). As the individual reacts to the stressors which evolve from a role, social, psychological and reflective physiological adaptations occur.

As stated earlier, stress seemed to be the dynamic force in the adaptation process which influenced the direction of movement of behavioral outcomes along the productive - self-destructive continuum.

With the context of the hypothesis and theoretical framework, the following general research question emerged: Do outcomes of behaviors, identified in people who committed suicide, exist in people who publicly exhibit productive behavioral outcomes and have not attempted suicide?

As a faculty member of several baccalaureate nursing schools, two recurring observations were made by this researcher. One was that deans of these programs continually appeared exposed to stressors. The second observation was that observable productive behavioral outcomes such as scholarly papers, balanced budgets, faculty development, research, etc. were often mandated as a prerequisite for continuing in the role of dean.

The specific research question for this study was derived from these observations. Do selected behavioral outcomes identified in people that kill themselves also exist in baccalaureate nursing deans?

The intent of this study was to identify the existence of selected physiological and affective outcomes of behavior in this population of deans and to quantify the outcomes identified. It was not within the scope of this study to: 1) identify individual stressors, 2) assess the subject's perception of their stressors as pleasant or unpleasant, 3) evaluate perceived success or failure of the subject's role as dean, 4) measure subject's suicidal potential with the administered research tool, or 5) identify the existence of equivocal self-destructive outcomes (e.g., psychosomatic symptoms) not present in individuals who committed suicide.

CHAPTER II

REVIEW OF LITERATURE

The literature related to the problem was reviewed and organized around three questions:

Are deans as a group exposed to stressors?

What physiological and affective outcomes of behavior were identified in people who attempted or committed suicide?

What studies identified these same behavioral outcomes in people who have not attempted suicide, but who publicly exhibit productive behavioral outcomes?

Are Deans As A Group Exposed to Stressors?

In Chapter One it was stated that a person functioning in the academic administrative role of dean was exposed to stressors. Does support exist for this statement? Talcott Parsons defined role "from the point of view of the social system (e.g., a university) ... as an element of generalized patterning of the action of its component individuals." (57:230). This definition allows that there may be no definitive, permanent parameters of a role within a social system.

The writings of McGrath, Gould, Dupont, Carson and McGannon supported this definition as particularly appropriate when examining the role of the academic dean. (45,29,21,15,44). Although each of

their works identified some of the same administrative parameters of deans, each added a slightly different dimension to this role.

Excerpts from the writings of McGrath and Gould illustrate this concept. McGrath stated that the primary role of an academic dean was as follows: "(1) Considering the ends and means of education, (2) Selecting faculty members, and (3) Preparing the budget." (45:44).

Gould enumerated some areas of decanal responsibility from a study of 260 liberal arts deans.

> The academic dean is...concerned about the goals and methods of education relevant to his college; the recruitment, retention, and elevation of appropriate teacher-scholars; the intellectual, informational, and cultural content and quality of the curriculum and its effectiveness on and for students and their futures; the general climate of learning on the campus; and the advisable support in facilities and funds for these basic academic ventures of the college. (29:VIII).

Although no precise role of an academic administrative dean has emerged, decision-making was one reoccurring process evident in each of the sources reviewed.

As early as 1938, when Barnard was studying executives, he reported that the decision-making process was inherent in administrative behaviors. (2). Simon in Administrative Behavior defined administration as "the process of choice (decision-making) which leads to action." (68:1). He continued to emphasize this point when he said the "administrative processes are decisional processes..." (68:8).

Regardless of the dimension of the role, the academic dean who is involved in making decisions is exposed to stressors. It should be remembered that a stressor was a demand which "requires adaptation to a problem, irrespective of what the problem may be." (65:28). The stressors may be "pleasant or unpleasant." (65:29).

The specific literature on nursing deanships reflected the findings of McGrath and Gould which were previously discussed. For example, Kemble, a former dean of a school of nursing, said that:

> It is impossible to identify the specific role of dean. It is possible only to describe the functions performed in each of the areas of decision-making; educational progress; faculty selection, promotion and development; student affairs, finance; development of physical facilities; and public and alumni relations. (35:737).

During a 1975 conference of deans of baccalaureate school of nursing, the decanal role was discussed. The point was made by Palmer of Boston University that in the Education Index "dean is found--with perhaps more than alphabetical significance--between 'deal' and 'death'." (73:1). The themes of her paper and those presented at this conference by Jarratt and Schlotfeldt suggested that the decanal role was subject to stressors and their ensuing rewards and losses. (73). These stressors manifested themselves throughout the spectrum of her multifaceted roles through which she relates with students, staff, faculty, university administrators and the community.

From the literature that was reviewed, evidence was found to support the statement that deans were exposed to stressors. Specifically, nursing deans were found to be exposed to stressors.

What Physiological and Affective Outcomes of Behavior Were Identified in People Who Attempted or Committed Suicide?

Durkheim in 1897 was the first to apply scientific methodology to the study of suicide as a psycho-social phenomena. (22). His research focused on the structure of a society and the level of inte-

gration of an individual into that society as factors contributing to suicide. Another sociologist, Dublin, received acclaim for his compilation of statistics on suicide. Included in his works were national and international statistics on age, race, sex, religion, nationality, marital and economic status of people who committed suicide. (19,20). The lack of uniformity in the following areas limited the conclusions drawn from this data: 1) defintions of suicide, 2) certification of death as suicide when circumstances were equivocal (e.g., accident or suicide), and 3) recording of vital statistics.

These and other weaknesses in research methodology were evidenced in many of the studies reviewed on self-destruction. Serious problems have been encountered when developing operational definitions for the concepts to be researched. Inconsistent or biased implementation of the research design has limited the ability to generalize project findings. Often subjects were chosen because of convenient accessibility to the researcher. (55,60). These convenience sampling techniques tended to bias the research data and greatly reduce the generalizability of these findings to other populations.

Since the scope of the present study was limited to physiological and affective behavioral outcomes, demographic and social factors were included in the present study only as a means of describing the subject population and their academic settings.

Farberow and Shneidman, two psychologists, were among the first researchers to collect longitudinal social, affective and physiological data on a large group who attempted and committed suicide. (24,26,43,67). In this and other studies, affective and physiological

outcomes were described in terms of signs and symptoms of behavior. The agency utilized in data collection was the Los Angeles Suicide Prevention Center. Information was gathered from "suicide notes,... psychiatric case histories, psychological tests, social service data,...the coroners' office as well as sociological data from the community." (24:15).

The affective and physical findings of Farberow and Shneidman were supported by the findings of other researchers such as Levi and others; Motto and Greene; Pokorny; Robins and others. (40,53,58,61). These studies revealed the prevalence of depression symptoms. Although some subjects who committed suicide had exhibited symptoms of anxiety, symptoms of depression were predominant in most subjects. Behavioral signs of guilt and aggression were also present in suicidal individuals.

Recurrent physical or physiological findings of these studies could be grouped into three areas: One, recent changes in physical health status (e.g., illness, accident, or recovery from either) were reported. Two, changes in the suicidal individual's body image (e.g., extreme weight fluctuations, pregnancy termination, surgery) were present. Three, the findings of these studies revealed evidence of alcohol and other drug abuses in these individuals.

Most of the studies reviewed used retrospective data gathering techniques. (5,12,19,22,24,48,59,67). Demographic, social, psychological and physiological information was collected about individuals after they had attempted or committed suicide. This retrospective methodology had several limitations. At times, complete data in the

areas being studied were no longer available. Some sources of information were friends, relatives, and professionals who had known the individual. When data was collected from these sources after an incident had occurred, there was always the possibility that selective memory or recall may have altered the accuracy of their information.

Cohen and others; Dean and others; Devries; Farberow and Devries; Levi and others; and Tuckman and Youngman derived scales from these retrospectively identified signs and symptoms (outcomes). (13,16,17,25,40,43,72). One function of these scales was to separate extraneous from relevant outcomes of behavior which had been retrospectively identified in people who committed suicide. Items of a scale were assumed to identify relevant outcomes if that scale predicted suicide with statistical reliability.

The data from some of these scales have been collected and analyzed to evaluate prospectively the content validity and reliability of these items. (26,39). The staff of the Los Angeles Suicide Prevention Center developed and tested such a scale. When data gathered with this scale was tested for interrater reliability, the correlation coefficients were too low (0.44 - 0.60) to assume reliability of the measured signs and symptoms (24:60). The validity of the contents of this scale was not discussed in the literature reviewed.

Zung developed a scale, the Index of Potential Suicide (Appendix A), which has been able to differentiate potential suicidal from non-suicidal behavioral outcomes at statistically significant levels (P=0.05 - 0.01). (84,87,88). The data supporting the content validity of the IPS will be discussed in Chapter III.

Reliability data on the scale was generated by several research projects. In one such project the scale was scored by an interviewer, a significant other, and by the patient. "The correlation between interviewer and self-rating was 0.82, between the interviewer and significant other was 0.33, and between self and significant other was 0.34 (all $P < 0.01$)." (84:248). The high correlation coefficient (0.82) between the interviewer and self-rated scores supported the scales ability to measure consistently the items by either the interview or self-rated methods.

Clinical items for the Index of Potential Suicide was chosen and refined after a review of some of these earlier suicidal scales. (13,16,17,25,40,43,72). The clinical items, composed of psychological and physiological signs and symptoms (outcomes), which evolved as components of the IPS were subgrouped as follows: depression, anxiety, alcoholism, current health, emotional status (support, guilt, self-control), and suicidal behavior. (Table 1).

After reviewing the literature for outcomes of behaviors, identified in people prior to committing suicide, those identified and measured by Zung's Index of Potential Suicide were used in this study. (Appendix A).

What Studies Identified These Behavioral Outcomes in People Who Have Not Attempted Suicide, But Who Publicly Exhibit Productive Behavioral Outcomes?

A review of theoretical and clinical literature related to self-destructive outcomes of behavior revealed a predominant focus on individuals who have attempted or committed suicide. This focus was evident in the preceding section of this study. Many of the subjects

TABLE 1

CLINICAL CATEGORIES OF INDEX OF POTENTIAL SUICIDE WITH RESPECTIVE SIGNS AND SYMPTOMS

Clinical Category	Signs and Symptoms (Outcomes)	
Depression	Depressed mood	Confusion
	Diurnal variation: worst in A.M.	Psychomotor retardation
		Psychomotor agitation
	Crying spells	Hopelessness
	Sleep disturbance	Irritability
	Decreased appetite	Indecisiveness
	Decreased libido	Personal devaluation
	Weight loss	Emptiness
	Constipation	Suicidal rumination
	Tachycardia	Dissatisfaction
	Fatigue	
Anxiety	Anxiousness	Mental disintegration
	Fear	Apprehensiveness
	Panic	
Alcoholism	Pattern changes	Quantity increases
General Health	Somatic complaints	Drug abuse
	Changes in physical health	Personal appearance neglected
Emotional Status	Lack of support	Decreased available support
	Lack of alternatives	
	Hopelessness	Decreased self-control
	Self-blame	Aggression
	Guilt	Decreased personal responsibility
	Punishment	
Suicide Behavior	General rumination	Prior attempt
	Know method	Knows persons who committed suicide
	Prior threat	

SOURCE: William K. Zung. "Index of Potential Suicide." In The Prediction of Suicide, ed. A. T. Beck, H. L. P. Resnik and D. J. Lettieri (Bowie, Maryland: The Charles' Press Publishers, Inc., 1974):229-32.

studied were from hospitals, outpatient clinics, prisons, or mental health centers. These subjects carried diagnoses of alcoholism, drug addiction, or the vaguer label, mental illness. (5,12,19,23,26,60,67, 84). There was no evidence of research that selected subjects who were publicly productive.

Another body of reviewed literature discussed affective and physiological findings in individuals who had not committed suicide, but exhibited equivocal forms of self-destruction such as psychosomatic illnesses or accident proneness. The works of Alder and others; Alexander; Cassel; Holmes and Rahe; Litman and Tabachnick; McGrath; Meerloo; and Menninger exemplified this literature. (2,3,17,33,34,42, 46,47,51,70). Although individuals with these equivocal forms of self-destruction were not within the scope of this study, this literature was reviewed in an attempt to expand the list of affective and physiological outcomes found in individuals who had committee suicide. No new ones were identified.

At the time of this study, a review of literature (indexed in Dissertation Abstracts, Index Medicus, Education Index, Psychological Abstracts, Sociological Abstracts, Index of International Nursing Literature, Index to Government Publications, Bibliography on Suicide and Suicide Prevention 1897-1970, et al.) revealed no studies that aimed to do the following: Identify in publicly productive individuals who had not attempted suicide, selected behavioral outcomes found in people who had done so.

CHAPTER III

METHODOLOGY

Study

Within the context of the hypothesis and theoretical framework developed in Chapter 1, the following general research question emerged:

> Do behavioral outcomes, identified in people who committed suicide, exist in people who publicly exhibit productive behavioral outcomes and have not attempted suicide?

In an attempt to narrow the focus of this question to researchable dimensions, a more specific one emerged:

> Do selected affective and physiological behavioral outcomes, identified in people that killed themselves, exist in deans of nursing?

The aim of this research project was to identify which, if any, of the selected affective and physiological outcomes were present in this sample of academic deans and to quantify these outcomes.

Design and Procedures

A survey research design was selected for this study. Since no baseline data on the question posed was discovered for this subject group, causal-comparative, correlational or experimental designs were not chosen for this particular project. In essence, it seemed premature to examine causal-comparative, correlational or experimental

relationships of self-destructive behavioral outcomes before those outcomes were shown to exist in the population being studied.

The subject population was composed of deans (or heads) of baccalaureate schools of nursing that were accredited by the National League for Nursing. (54). There were 245 deans which met this criteria.

The Index of Potential Suicide (IPS) was chosen as the research tool. It is composed of six subscales: depression, anxiety, alcoholism, general health, emotional status, suicide behavior. This self-rated questionnaire was the instrument of choice for several reasons. Data on this scale had been collected and analyzed on both normal subjects and those subjects with diagnosed psychiatric pathology. (84,87,88). Zung assumes normalcy of his subjects in terms of their capability for performing age appropriate activities. (86:177).

Validity data on the IPS was generated from two approaches. The approaches were to gather "expert opinions that confirm that the signs and symptoms described in the scale represent a recognizable clinical condition and demonstration that the results of the scale can distinguish patients with the condition..., and correlate with other scales which are conceded to be valid." (86:175). Supportive validity data for the IPS was gathered. (84,87,88).

Validity and reliability data also was available on two components of the scale. The depression and anxiety items have been tested scales in their own right. Studies in which these scales were tested indicated that both of these components could significantly differentiate normal from abnormal scores on items in their respective areas ($p = 0.01$). (77,78,79,80,81,82,83,85,86,89,91).

Supplemental cross-cultural findings were available on the items measuring depression. These items have been used in studies conducted in twenty-four countries and seventeen languages. One of the purposes of these studies was to accumulate cross-cultural baseline data on the depression scale. To this point, the findings of these studies seem to support a trend toward consistent reliability of the instrument. The scores on these scales consistently differentiate diagnosed depression from non-depression in patients. (76,86,90).

As mentioned in Chapter II, generated reliability data on the total IPS has been published. (84,87,88). The scale was able to differentiate potentially suicidal behavioral outcomes. ($p = 0.05 - 0.01$). (87,88). When a correlation coefficient was derived on the IPS scores gathered by an interviewer and self-rated, the coefficient was 0.82 ($p = 0.01$). (84:248).

In summary, the Index of Potential Suicide was chosen as a research tool for this project after a critique of the aforementioned findings revealed substantiated content validity and reliability in identifying variables of self-destructive behavior. Since predicting a subject's potential or risk of committing suicide was not within the scope of the study, this function of the instrument was not utilized.

After reviewing the positive correlational findings of the IPS which were previously mentioned and then discussing these results with Zung, a decision was made to use only the self-rated IPS questionnaire in this study. Since there was a 0.82 correlational coefficient, not a 1.0, between the interviewer and self-rated scores;

it was recognized that using only the self-rated IPS might alter the accuracy of this study's findings. The cost of interviewing 245 deans, whose addresses spanned the nation, was prohibitive. Therefore, a decision to proceed with the methodological weakness of using only the self-rated scale was made. In an attempt to minimize effects of this weakness, all responses of the deans were anonymous. It was thought that anonymity might increase the honesty and accuracy of their response.

The following thirteen demographic items were included in the questionnaire to expand the descriptive data on the subjects and their academic settings:

> 1) title, 2) sex, 3) age, 4) marital status, 5) highest degree earned, 6) number of times (including present) you have been a dean of a baccalaureate nursing program, 7) total years in above positions, 8) years in present position, 9) classification of college or university, 10) state in which college or university is located, 11) nursing degrees offered, 12) students enrolled in baccalaureate nursing program, and 13) total number of nursing students.

Each of the 245 deans of NLN accredited baccalaureate schools of nursing was mailed an introductory cover letter and a questionnaire composed of thirteen demographic variables and the forty-eight items in the Index of Suicide Potential. (Appendix A). A self-addressed, stamped envelope was enclosed with the questionnaire. A requested return date was designated.

A prior decision was made to send a second mailing of the questionnaire if the return rate was less than forty percent of the potential population. The responses of each dean to the items were anonymous. When the tools were returned, the data were coded for computer tabulation and statistical treatments.

When tabulating and analyzing the data, no attempt was made to assess each respondent for their respective levels of suicide potential. Rather, group profiles of demographic variables and responses to the self-destructive variables which the IPS assessed were tabulated and arrayed.

Pearson and Kendall tau correlational procedures were used to analyze the following: (1) associations of categorical demographic variables with each of the six group subscale scores, (2) associations of selected item scores of the IPS with each of the six group subscale scores.

T test and analysis of variance procedures were performed to generate statistics regarding the difference among the means on each subscale with derived demographic categories and with grouped scores on selected individual items. Wilcoxon and Kruskal-Wallis H test procedures for testing analysis of variance with ranks substituted for scores were performed on the subscales to test differences between derived demographic categories and grouped responses to selected items.

The findings of the statistics generated from these descriptive and statistical techniques will be elaborated in the next chapter.

CHAPTER IV

FINDINGS

A survey was done to gather data on the question. Do deans of baccalaureate nursing programs exhibit some of the affective and physiological behavioral outcomes identified in people who kill themselves? The aim of this study was to identify which, if any, of the selected affective and physiological outcomes were present in this sample of academic deans and to quantify these outcomes.

Questionnaires, composed of thirteen demographic items and forty-eight questions of the Index of Potential Suicide, were mailed to 245 deans (or heads) of baccalaureate schools of nursing. One hundred and sixty-four (67%) were returned. Of the questionnaires returned, 139 (57%) were completed. The remaining twenty-five questionnaires (10%) were either incomplete or returned too late to be included.

Demographic Data

Demographic information from the questionnaire is shown with corresponding frequency and percentage data. (Table 2). There were 134 (96%) female respondents and 5 (4%) males. Their ages ranged from 25 to 65. Forty percent of the subjects were in the 45-54 year age range. Twenty-six percent and twenty-four percent were 35-44 and

TABLE 2

FREQUENCY AND PERCENTAGE DATA ON SUBJECTS BY DEMOGRAPHIC CATEGORIES

	Frequency	Percent
Academic title		
Chairman	56	40.3
Dean	68	48.9
Director	9	6.5
Head	6	4.3
Sex		
Female	134	96.4
Male	5	3.6
Age		
25-34	6	4.3
35-44	36	25.9
45-54	61	43.9
55-64	33	23.7
65+	3	2.2
Marital status		
Single	73	52.5
Married	49	35.3
Widowed	10	7.2
Divorced	5	3.6
Separated	2	1.4
Highest earned degree		
Masters	58	41.7
Doctorate	81	58.3
Number of times dean of baccalaureate nursing program		
One	114	82.0
Two	19	13.7
Three	4	2.9
Five	1	0.7
Ten	1	0.7

TABLE 2—Continued

	Frequency	Percent
Total years as dean in above position		
One	18	13.0
Two	9	6.5
Three	18	13.0
Four	15	10.8
Five	10	7.2
Six	11	7.9
Seven	6	4.3
Eight	6	4.3
Nine	11	7.9
Ten or more	27	19.4
Years in present position		
Less than one	20	14.4
One	15	10.8
Two	22	15.8
Three	16	11.5
Four	10	7.2
Five	7	5.0
Six	5	3.6
Seven	4	2.9
Eight	11	7.9
Nine or more	29	20.9

55-64 years respectively. Seventy-three (52%) of the deans were single, while forty-nine (35%) were married. The other seventeen were either widowed, divorced or separated.

The highest degree earned by fifty-eight subjects was a masters. Eight-one (58%) deans had received earned doctorates. One hundred and fourteen (82%) subjects had been dean of a baccalaureate nursing program only once. Nineteen (14%) subjects had held that position twice. Six (4%) had been a dean three or more years. The total time the subjects had been in a position of dean ranged from less than one year to ten or more years. Thirteen percent said they had been a dean less than one year, and the same percentage for two years. Ten per-

cent had been dean for three years. Twenty percent had been in the position for ten or more years.

The subjects were asked the lengths of time they had been in their present positions. Twenty-nine (21%) had been dean in the present setting for nine or more years. Twenty-two (16%) were in their current position for two years, and twenty (14%) for less than one year. Sixteen (12%) and fifteen (11%) deans had their present position three and one years respectively.

The 139 subjects were deans in varying academic settings. (Table 3). Seventy-three (53%) subjects worked in public colleges or universities. Sixty-six (47%) subjects were deans of nursing in private colleges or universities. Although all represented schools offered a baccalaureate degree, some offered two or three degrees in nursing. Ninty-six (69%) schools granted only a baccalaureate degree. Thirty-nine (28%) schools offered baccalaureate and masters degrees. Only four (3%) granted baccalaureate, masters and doctorate degrees.

The number of students enrolled in each of the baccalaureate nursing programs ranged from a lower level of 1 to 99 students to an upper level of 700 or more. Sixty-one (44%) programs had 200 to 399 students. Nineteen (14%) programs had 400 to 499 baccalaureate students. Eighteen (13%) programs had 100 to 199 students and the same number had 700 or more. Since some of the schools of nursing offered degrees other than the baccalaureate, the deans were asked the total number of enrolled in their nursing programs. Seventy-six (54%) school had a total of 200 to 499 nursing students. Twenty-five (18%) schools had a total nursing enrollment of 700 or more.

TABLE 3

FREQUENCY AND PERCENTAGE DATA ON
ACADEMIC SETTINGS OF SUBJECTS
BY CATEGORIES

	Frequency	Percent
Classification of college or university		
Private	66	47.5
Public	73	52.5
Nursing degrees offered		
Baccalaureate	96	69.1
Baccalaureate and masters	39	28.1
Baccalaureate, masters, doctorate	4	2.8
Students in baccalaureate nursing programs		
1-99	2	1.4
100-199	18	13.0
200-299	29	20.9
300-399	32	23.0
400-499	19	13.7
500-599	11	7.9
600-699	10	7.2
700 or more	18	13.0
Total number of nursing students		
1-99	2	1.4
100-199	17	12.2
200-299	27	19.4
300-399	29	20.9
400-499	20	14.4
500-599	6	4.3
600-699	13	9.4
700 or more	25	18.0

Index of Potential Suicide Data

The remaining information on the questionnaires pertained to the Index of Potential Suicide. To answer each question, the subjects chose one of five categories of responses which ranged from "none of the times" to "most or all of the time." The scores assigned to each category was on a continuum of zero to four. The direction of scores along the continuum (0 to 4 or 4 to 0) with respect to the five categories (none of the time to most of the time) varied with each question. (5:233-35).

The subjects' responses to each IPS qestion were scored. Frequency and percentage data for each scored response was tabulated. (Appendix B). All subjects scored one or two on thirty-four questions. On question forty-four, 137 subjects received a score of zero for not thinking of ways to kill themselves. On questions forty-five and forty-six, 138 subjects scored zero because they had told no one they wanted to kill themselves nor had attempted suicide. For the remaining eleven questions, a spread of scores was evident. These eleven questions will be discussed later when they are subjected to statistical treatments.

These findings supported a positive answer to the research question. All the selected affective and physiological behavioral outcomes identified in people who kill themselves, existed in this sample of nursing deans. The specific suicidal behaviors of planning or attempting suicide were not present in the majority (N=138) of deans.

The forty-eight questions of the IPS were organized into the following six subscales: depression, anxiety, alcoholism, general health, emotional status, suicide behavior. (Table 4). The deans' responses to the questions were scored and tabulated for each subscale. (Table 5). Subjects' scores on the depression scale ranged from 20 to 50 with a mean score of 27.76 and standard deviation of 5.07. The potential range of scores on the depression scale was 0 to 80.

The range of scores on the anxiety scale was 0 to 20. The subjects' scores on this scale ranged from 5 to 16 with a mean and standard deviation of 6.29 and 1.54 respectively. On the alcoholism scale, possible scores ranged from zero to eight. The deans' scores ranged from two to three with a mean of 2.01 and 0.08 standard deviation.

Zero to 20 were possible scores on the general health scale. The subjects' scores ranged from 6 to 16. Their mean score was 8.69 with a standard deviation of 2.47. On the emotional status scale the deans' mean score was 12.75 with a 2.70 standard deviation. Their mean score was 8.69 with a standard deviation of 2.47. Their scores ranged from 11 to 29. The potential range of scores on this scale was 0 to 44. The subjects' scored from 5 to 16 on the suicidal behavioral scale which had a possible 0 to 20 range scores. Their mean score was 7.00 with a 1.70 standard deviation.

TABLE 4

QUESTIONS OF INDEX OF POTENTIAL SUICIDE
BY SUBSCALE AND NUMBER

Subscale	Question
Depression	1. I feel down-hearted and blue
	2. Morning is when I feel the best
	3. I have crying spells or feel like it
	4. I have trouble sleeping at night
	5. I eat as much as I used to
	6. I enjoy looking at, talking to and being with attractice women (or men)
	7. I notice that I am losing weight
	8. I have trouble with constipation
	9. My heart beats faster than usual
	10. I get tired for no reason
	11. My mind is as clear as it used to be
	12. I find it easy to do the things I used to
	13. I am restless and can't keep still
	14. I feel hopeful about the future
	15. I am more irritable (fly-off-the-handle) than usual
	16. I find it easy to make decisions
	17. I feel that I am useful and needed
	18. My life is pretty full
	19. I feel that others would be better off if I were dead
	20. I still enjoy the things I used to do
Anxiety	21. I feel more anxious and nervous than usual
	22. I feel afraid for no reason at all
	23. I get upset easily or feel panicky
	24. I feel like I'm falling apart and going to pieces
	25. I feel that everything is all right and nothing bad will happen
Alcoholism	26. I take a drink in the morning
	27. People tell me that I drink more than I should
General Health	28. I have aches and pains and nothing seems to help
	29. I feel that I'm in good shape physically
	30. I take sleeping pills on my own
	41. I try to look my best when I go out
	48. Within the last 3 months, I've seen somebody professional about my health, or because I've been worried about myself (For example: doctor, nurse, minister, social worker, counselor)

TABLE 4—Continued

Subscale		Question
Emotional Status	31.	I feel that somebody cares and understands me
	32.	I feel that there is no way out of my situation
	33.	I feel helpless to do anything about my life
	34.	When things seem to be at their end, I feel that there is someone I can turn to
	35.	I blame myself for everything that goes wrong, even when it's not really my fault
	36.	I have guilty feelings about my past that still bother me
	37.	I feel that I deserve to be punished
	38.	I have fits of anger and lose my temper
	39.	I get into physical fights
	40.	I take chances when driving a car
	42.	I feel that there is someone who depends upon me
Suicidal Behavior	43.	I've recently thought about dying
	44.	I've been thinking of ways to kill myself
	45.	I've said to someone that I wanted to kill myself
	46.	I tried to do away with myself—How?
	47.	Have you ever known anybody who committed suicide?

SOURCE: William K. Zung. "Index of Potential Suicide." In The Prediction of Suicide, ed. A. T. Beck, H. L. P. Resnik and D. J. Lettieri (Bowie, Maryland: The Charles' Press Publishers, Inc., 1974):228-32.

TABLE 5

SUBSCALE SCORES OF SUBJECTS ON THE INDEX TO POTENTIAL SUICIDE WITH FREQUENCY AND PERCENTAGE DATA

Scores	Frequency	Percent
Depression		
20	3	2.2
21	4	2.9
22	11	7.9
23	12	8.6
24	12	8.6
25	10	7.2
26	14	10.1
27	10	7.2
28	9	6.5
29	9	6.5
30	9	6.5
31	7	5.0
32	7	5.0
33	7	5.0
34	2	1.4
35	2	1.4
36	4	2.9
37	2	1.4
38	1	0.7
41	2	1.4
43	1	0.7
50	1	0.7
Anxiety		
5	48	34.5
6	47	33.8
7	21	15.1
8	13	9.4
9	5	3.6
10	3	2.2
11	1	0.7
16	1	0.7
Alcoholism		
2	138	99.3
3	1	0.7

TABLE 5—Continued

Scores	Frequency	Percent
General Health		
6	37	26.6
7	19	13.7
8	12	8.6
9	23	16.5
10	23	16.5
11	5	3.6
12	7	5.0
13	5	3.6
14	5	3.6
15	2	1.4
16	1	0.7
Emotional Status		
11	64	46.0
12	24	17.3
13	13	9.4
14	13	9.4
15	9	6.5
16	4	2.9
17	8	5.8
19	2	1.4
27	1	0.7
29	1	0.7
Suicide Behavior		
2	48	34.5
6	7	5.0
8	74	53.2
9	7	5.0
10	2	1.4
16	1	0.7

With these six subscales the total IPS scores were calculated. (Table 6). The maximum possible score on all the IPS items was 192. The deans' IPS totals ranged from 50 to 123. The mean score was 63.07 with a standard deviation of 9.81. When examining the quantified behavioral outcomes measured by the IPS, the deans' scores were significantly lower ($p < 0.01$) than the maximum or high suicidal potential IPS scores.

TABLE 6

TOTAL SCORES OF SUBJECTS ON THE INDEX TO POTENTIAL SUICIDE WITH FREQUENCY AND PERCENTAGE DATA

Scores	Frequency	Percent
50	2	1.4
51	1	0.7
52	3	2.2
53	8	5.8
54	6	4.3
55	8	5.8
56	8	5.8
57	10	7.2
58	9	6.5
59	3	2.2
60	8	5.8
61	8	5.8
62	8	5.8
63	5	3.6
64	4	2.9
65	1	0.7
66	6	4.3
67	7	5.0
68	2	1.4
69	3	2.2
70	5	3.6
71	5	3.6
72	3	2.2
74	1	0.7
76	3	2.2
77	1	0.7
78	1	0.7
79	1	0.7
80	2	1.4
81	1	0.7
82	1	0.7
83	1	0.7
85	1	0.7
93	1	0.7
123	1	0.7
Total	139	100.0

Correlation of Demographic and IPS Data

Pearson and Kendall tau correlational procedures were used to analyze associations of categorical demographic variables with each of the six group IPS subscale scores. All of the demographic questionnaire items were included in these procedures with the exception of title and state in which college or university located. The subjects' responses to these two items could not appropriately be categorized in a format mandated by both Pearson and Kendall tau techniques. The correlational coefficients generated by these procedures were not significant. (Appendices C and D). There appeared to be no association between the demographic variables and the subjects' six subscale scores on the IPS.

Associations of selected item scores of the IPS with each of the six group subscale scores also were analyzed by Pearson and Kendall tau correlational procedures. The selection of the IPS items to be included in these procedures was based on spread of scores on the items. The spread of subject scores on the following eleven items was such to warrant categorization for correlational techniques:

2. Morning is when I feel best.
5. I eat as much as I used to.
6. I enjoy looking at, talking to and being with attractice women (or men).
12. I find it easy to do the things I used to.
14. I feel hopeful about the future.
16. I find it easy to make decisions.
20. I still enjoy the things I used to do.

25. I feel everything is all right and nothing bad will happen.

29. I feel that I'm in good shape physically.

47. Have you ever known anybody who committed suicide?

48. Within the last three months, I've seen somebody professionally about my health, or because I've been worried about myself. (Appendix B).

The correlational coefficients from both Pearson and Kendall tau procedures revealed no significant association between these eleven IPS items and the group scores on the depression, anxiety, alcoholism, general health, emotional status and suicide behavior subscales. (Appendices C and D). Although there appeared to be coefficients which were statistically significant ($p < 0.01$), these coefficients were generated when correlating an item with the subscale to which it belonged. Therefore, this apparent statistical significant was erroneous.

Analysis of Variance

T test and analysis of variance procedures were performed to generate statistics regarding the difference among the means of the deans on each IPS subscale with derived demographic categories and with grouped scores on the eleven IPS previously listed. The statistics from these procedures evidenced no significant difference ($p < 0.01$) in the mean scores for each of the subscale between the groups in each demographic category. (Appendices E and F).

The mean scores on certain subscales between the deans scoring 0-2 and 3-4 on ten IPS items showed statistical significant ($p < 0.01$). (Table 7).

TABLE 7

INDEX OF POTENTIAL SUICIDE QUESTIONS
WITH SIGNIFICANT T VALUES
($p < 0.01$) BY SUBSCALES

Subscale	Questions
Depression	5, 6, 12, 14, 16, 20, 25, 29, 48
Anxiety	6, 14, 16, 20, 25
General Health	14, 29, 48
Emotional Status	16, 20, 25
Suicide Behavior	47

Other analysis of variance procedures revealed no significant differences in the means on each subscale when compared with grouped scores on the thirteen IPS items. (Appendix G).

Wilcoxon and Kruskal-Wallis H test procedures for testing analysis of variance with ranks substituted for scores were performed on the subscales to test differences between the derived demographic categories and group responses to the same eleven IPS items. No significant statistics were evident when analyzing each subscale with the demographic categories. (Appendices G and H).

The median score (or rank) on certain subscales between the subjects' ranked scores (0-2=1; 3-4=2) on ten IPS items showed statistical significance ($p < 0.01$). (Table 8).

TABLE 8

INDEX OF POTENTIAL SUICIDE QUESTIONS
WITH SIGNIFICANT WILCOXON
VALUES BY SUBSCALES

Subscale	Questions
Depression	5, 6, 12, 14, 16, 20, 25, 29
Anxiety	6, 14, 25, 29
General Health	14, 20, 29, 48
Emotional Status	14, 16, 20, 25
Suicide Behavior	47

In summary, these statistics generated by both T and Wilcoxon test revealed that the subjects' mean and ranked scores (respectively) on certain subscales differed significantly ($p < 0.01$) when grouped responses to eleven IPS questions were compared. (Tables 7 and 8).

CHAPTER V

SUMMARY AND CONCLUSIONS

Self-destruction is one of the ten leading causes of death in the United States. Do the same outcomes of behaviors which contributed to the suicide of some individuals exist in others who do not kill themselves? Within the developed conceptual framework, an assumption was made that behavior was not inherently productive or self-destructive. Rather, the outcomes or results of behavior were productive or self-destructive.

It was also assumed that any behavior of an individual had outcomes which were productive and/or self-destructive, and that stressors activated the directional change and quantity of behavioral outcomes along a productive - self-destructive continuum. Individuals who exhibit publicly productive outcomes, as well as individuals who evidence suicidal ones, appeared exposed to stressors. From these assumptions the study hypothesis evolved. Selected behavioral outcomes, identified in people who commit suicide, exist in those who do not attempt suicide, but who publicly exhibit productive behavioral outcomes.

To study this hypothesis, the following research question was formulated:

> Do certain outcomes of behavior identified in people who commit suicide, also exist in baccalaureate nursing deans?

For this study baccalaureate nursing deans were assumed to be publicly productive and exposed to stressors.

The aim of this research was to identify the existence of selected affective and physiological outcomes of behavior in this population of deans and to quantify the outcomes identified with the Index of Potential Suicide. It was not the intent of this study to: 1) identify individual stressors, 2) assess the subjects' perception of their stressors as pleasant or unpleasant, 3) evaluate perceived success or failure or the subjects' role performance as dean, 4) measure subjects' suicidal potential with the administered research tool, or 5) identify the existence of equivocal self-destructive outcomes (e.g., psychosomatic symptoms) not present in individuals who committed suicide.

A survey research design was utilized. Questionnaires, composed of thirteen demographic items and forty-eight questions of Zung's self-rated Index of Potential Suicide, were mailed to 245 baccalaureate nursing deans. Of the 164 anonymous questionnaires which were returned, 139 had all items completed. The data was scored and tabulated, and descriptive statistics generated.

Three findings from these procedures supported a positive answer to this study's research question. One, the affective and physiological behavioral outcomes measured by the IPS, were present in this sample of nursing deans. Second, the specific suicidal behaviors, such as planning or attempting suicide were present in only one dean. Third, when the deans' responses were evaluated as a group, the quantities of the measured behavioral outcomes were significantly

lower ($p < 0.01$) than the possible maximum or high suicidal potential IPS scores. In essence, the deans' mean score on the IPS was statistically different than those of suicidal individuals.

To evaluate similarities, differences and relationships of the demographic and IPS data among the deans, correlational and analysis of variance procedures were performed. No statistically significant correlational coefficients were found with either the grouped demographic or IPS data.

The deans' responses to the forty-eight IPS questions ranged on a continuum from "none of the time" to "all of the time." As a group, their responses to thirty-seven questions did not appear to differ statistically. When treated with analysis of variance techniques, their grouped responses to the following eleven questions appeared to differ significantly ($p < 0.01$):

2. Morning is when I feel best.
5. I eat as much as I used to eat.
6. I enjoy looking at, talking to and being with attractive women (or men).
12. I find it easy to do the things I used to do.
14. I feel hopeful about the future.
16. I find it easy to make decisions.
20. I still enjoy the things I used to do.
25. I feel everything is all right and nothing bad will happen.
29. I feel that I am in good shape physically.
47. Have you ever known anybody who committed suicide?
48. Within the last three months, I've seen somebody professionally about my health, or because I've been worried about myself. (Appendix B).

These eleven questions were components of the depression, anxiety, general health or suicide subscales. (Table 4).

Certain aspects of this study limited the ability to generalize these findings. Only the self-rated IPS was used. Although this self-rated IPS was anonymous to encourage accuracy of each dean's response, no attempt was made to cross validate the accuracy of their responses.

The fifty-seven percent questionnaire response rate of the study also limited the generalizability of findings. It was not known if data from the non-respondent dean population would have altered the findings. Since the returned questionnaires were anonymous, it was not practical to resurvey this group of deans.

For this study, the behaviors and stressors of nursing deans were assumed to be similar to other deans or adminstrators. Before applying the findings to these populations, these similarities and differences would need to be established.

The general question posed in this study was, "Do the same behavioral outcomes which were present in individuals who committed suicide exists in publicly productive individuals?" It was concluded that certain affective and physiological outcomes of behavior identified in those who commit suicide exists in some people who exhibit publicly productive behavioral outcomes.

Also, it was concluded that the quantity of these behavioral outcomes, as measured by the Index of Potential Suicide, differed between some publicly productive and suicidal individuals. The quantity of these behavioral outcomes was significantly lower

($p < 0.01$) in certain productive individuals.

What factors influenced this quantitative difference in the same behavioral outcomes? Did these same factors influence the difference in scores of the sampled deans of eleven of the forty-eight IPS questions. Perhaps further research in three areas could provide clues to these unidentified factors. One, an individual's stressors should be identified. Two, the person's perception of their specific stressors as pleasant or unpleasant be assessed. Three, perceived success or failure of the individual's role of dean be evaluated.

Findings of this study and others in areas suggested above may provide a foundation for future correlational and perhaps predictive research. This research might address the question of whether certain behavioral outcomes which were present in both productive and suicidal individuals are correlated with or predictive of success in accomplishing administrative tasks.

APPENDIX A

QUESTIONNAIRE WITH DEMOGRAPHIC AND INDEX OF POTENTIAL SUICIDE ITEMS

INSTRUCTIONS: Please circle or write the appropriate response as indicated.

1.	Academic Title	Chairman	Dean	Director	Head	Other						[1]
2.	Sex	Female	Male									[2]
3.	Age	25 - 34	35 - 44	45 - 54	55 - 64	65+						[3]
4.	Marital Status	Single	Married	Widowed	Divorced	Separated						[4]
5.	Highest Earned Degree	Baccalaureate		Masters		Doctorate						[5]
6.	Number of Times (including present) you have been a dean of a baccalaureate nursing program	1	2	3	4	5	6	7	8	9	10 or more	[6 - 7]
7.	Total years in above positions	1	2	3	4	5	6	7	8	9	10 or more	[8 - 9]
8.	Years in present position	less than 1	1	2	3	4	5	6	7	8	9 or more	[10 - 11]
9.	Classification of college or university	private	public									[12]
10.	State in which college or university is located	_____										[13 - 14]
11.	Nursing Degrees Offered	Baccalaureate	Masters	Doctorate								[15]
12.	Students enrolled in baccalaureate nursing program	1–99	100–199	200–299	300–399	400–499	500–599	600–699	700 or more			[16]
13.	Total number of nursing students	1–99	100–199	200–299	300–399	400–499	500–599	600–699	700 or more			[17]

INSTRUCTIONS: Please place a check in the appropriate column.

		None of the time	A little of the time	Some of the time	Good part of the time	Most or all of the time	
1.	I feel down-hearted and blue						[18]
2.	Morning is when I feel the best						[19]
3.	I have crying spells or feel like it						[20]
4.	I have trouble sleeping at night						[21]
5.	I eat as much as I used to						[22]
6.	I enjoy looking at, talking to and being with attractive women (or men)						[23]
7.	I notice that I am losing weight						[24]
8.	I have trouble with constipation						[25]
9.	My heart beats faster than usual						[26]
10.	I get tired for no reason						[27]
11.	My mind is as clear as it used to be						[28]
12.	I find it easy to do the things I used to						[29]
13.	I am restless and can't keep still						[30]
14.	I feel hopeful about the future						[31]
15.	I am more irritable (fly-off-the-handle) than usual						[32]
16.	I find it easy to make decisions						[33]
17.	I feel that I am useful and needed						[34]
18.	My life is pretty full						[35]
19.	I feel that others would be better off if I were dead						[36]
20.	I still enjoy the things I used to do						[37]

(OVER)

	None of the time	A little of the time	Some of the time	Good part of the time	Most or all of the time	
21. I feel more anxious and nervous than usual						[38]
22. I feel afraid for no reason at all						[39]
23. I get upset easily or feel panicky						[40]
24. I feel like I'm falling apart and going to pieces						[41]
25. I feel that everything is all right and nothing bad will happen						[42]
26. I take a drink in the morning						[43]
27. People tell me that I drink more than I should						[44]
28. I have aches and pains and nothing seems to help						[45]
29. I feel that I'm in good shape physically						[46]
30. I take sleeping pills on my own						[47]
31. I feel that somebody cares and understands me						[48]
32. I feel that there is no way out of my situation						[49]
33. I feel helpless to do anything about my life						[50]
34. When things seem to be at their end, I feel that there is someone I can turn to						[51]
35. I blame myself for everything that goes wrong, even when it's not really my fault						[52]
36. I have guilty feelings about my past that still bother me						[53]
37. I feel that I deserve to be punished						[54]
38. I have fits of anger and lose my temper						[55]
39. I get into physical fights						[56]
40. I take chances when driving a car						[57]
41. I try to look my best when I go out						[58]
42. I feel that there is someone who depends upon me						[59]
43. I've recently thought about dying						[60]
44. I've been thinking of ways to kill myself						[61]
45. I've said to someone that I wanted to kill myself	0	1	2	3	4 or more	[62]
46. I tried to do away with myself How?	0	1	2	3	4 or more	[63]
47. Have you ever known anybody who committed suicide? If Yes, WHO?	No			Yes		[64]
48. Within the last 3 months, I've seen somebody professional about my health, or because I've been worried about myself (For example: doctor, nurse, minister, social worker, counselor) If Yes, WHO?	No			Yes		[65]

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APPENDIX B

SUBJECTS' SCORED RESPONSES TO INDEX OF POTENTIAL SUICIDE QUESTIONS

JOAN DI NAPOLI, R.N.

GENERAL HEALTH

GENHLTH	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
6	37	37	26.619	26.619
7	19	56	13.669	40.288
8	12	68	8.633	48.921
9	23	91	16.547	65.468
10	23	114	16.547	82.014
11	5	119	3.597	85.612
12	7	126	5.036	90.647
13	5	131	3.597	94.245
14	5	136	3.597	97.842
15	2	138	1.439	99.281
16	1	139	0.719	100.000

EMOTIONAL STATUS

EMOTSTAT	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
11	64	64	46.043	46.043
12	24	88	17.266	63.309
13	13	101	9.353	72.662
14	13	114	9.353	82.014
15	9	123	6.475	88.489
16	4	127	2.878	91.367
17	8	135	5.755	97.122
19	2	137	1.439	98.561
27	1	138	0.719	99.281
29	1	139	0.719	100.000

SUICIDE BEHAVIOR

SUICIDE	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
5	48	48	34.532	34.532
6	7	55	5.036	39.568
8	74	129	53.237	92.806
9	7	136	5.036	97.842
10	2	138	1.439	99.281
16	1	139	0.719	100.000

I FEEL DOWN-HEARTED AND BLUE

ITEM1	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	113	113	81.295	81.295
2	24	137	17.266	98.561
3	2	139	1.439	100.000

JOAN DI NAPOLI, R.N.

MORNING IS WHEN I FEEL THE BEST

ITEM2	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	55	55	39.568	39.568
2	30	85	21.583	61.151
3	38	123	27.338	88.489
4	16	139	11.511	100.000

I HAVE CRYING SPELLS OR FEEL LIKE IT

ITEM3	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	131	131	94.245	94.245
2	8	139	5.755	100.000

I HAVE TROUBLE SLEEPING AT NIGHT

ITEM4	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	120	120	86.331	86.331
2	13	133	9.353	95.683
3	5	138	3.597	99.281
4	1	139	0.719	100.000

I EAT AS MUCH AS I USED TO

ITEM5	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	72	72	51.799	51.799
2	28	100	20.144	71.942
3	19	119	13.669	85.612
4	20	139	14.388	100.000

I ENJOY LOOKING AT ... ATTRACTIVE WOMEN

ITEM6	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	81	81	58.273	58.273
2	28	109	20.144	78.417
3	25	134	17.986	96.403
4	5	139	3.597	100.000

I NOTICE THAT I AM LOSING WEIGHT

ITEM7	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	124	124	89.209	89.209
2	12	136	8.633	97.842
4	3	139	2.158	100.000

JOAN DI NAPOLI, R.N.

I HAVE TROUBLE WITH CONSTIPATION

ITEM8	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	132	132	94.964	94.964
2	6	138	4.317	99.281
3	1	139	0.719	100.000

MY HEART BEATS FASTER THAN USUAL

ITEM9	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	129	129	92.806	92.806
2	8	137	5.755	98.561
3	1	138	0.719	99.281
4	1	139	0.719	100.000

I GET TIRED FOR NO REASON

ITEM10	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	118	118	84.892	84.892
2	17	135	12.230	97.122
3	4	139	2.878	100.000

MY MIND IS AS CLEAR AS IT USED TO BE

ITEM11	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	102	102	73.381	73.381
2	24	126	17.266	90.647
3	7	133	5.036	95.683
4	6	139	4.317	100.000

I FIND IT EASY TO DO THE THINGS I USEDTO

ITEM12	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	49	49	35.252	35.252
2	52	101	37.410	72.662
3	28	129	20.144	92.806
4	10	139	7.194	100.000

I AM RESTLESS AND CAN'T KEEP STILL

ITEM13	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	110	110	79.137	79.137
2	24	134	17.266	96.403
3	2	136	1.439	97.842
4	3	139	2.158	100.000

JOAN DI NAPOLI, R.N.

I FEEL HOPEFUL ABOUT THE FUTURE

ITEM14	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	94	94	67.626	67.626
2	23	117	16.547	84.173
3	16	133	11.511	95.683
4	6	139	4.317	100.000

I AM MORE IRRITABLE THAN USUAL

ITEM15	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	105	105	75.540	75.540
2	25	130	17.986	93.525
3	6	136	4.317	97.842
4	3	139	2.158	100.000

I FIND IT EASY TO MAKE DECISIONS

ITEM16	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	64	64	46.043	46.043
2	60	124	43.165	89.209
3	14	138	10.072	99.281
4	1	139	0.719	100.000

I FEEL THAT I AM USEFUL AND NEEDED

ITEM17	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	101	101	72.662	72.662
2	32	133	23.022	95.683
3	6	139	4.317	100.000

MY LIFE IS PRETTY FULL

ITEM18	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	118	118	84.892	84.892
2	20	138	14.388	99.281
4	1	139	0.719	100.000

I FEEL THAT OTHERS WOULD BE BETTER OFF..

ITEM19	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	138	138	99.281	99.281
4	1	139	0.719	100.000

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JOAN DI NAPOLI, R.N.

I STILL ENJOY THE THINGS I USED TO DO

ITEM20	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	93	93	66.906	66.906
2	31	124	22.302	89.209
3	11	135	7.914	97.122
4	4	139	2.878	100.000

I FEEL MORE ANXIOUS & NERVOUS THAN USUAL

ITEM21	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	117	117	84.173	84.173
2	18	135	12.950	97.122
3	4	139	2.878	100.000

I FEEL AFRAID FOR NO REASON AT ALL

ITEM22	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	135	135	97.122	97.122
2	3	138	2.158	99.281
3	1	139	0.719	100.000

I GET UPSET EASILY OR FEEL PANICKY

ITEM23	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	132	132	94.964	94.964
2	6	138	4.317	99.281
3	1	139	0.719	100.000

I FEEL LIKE I'M FALLING APART ...

ITEM24	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	134	134	96.403	96.403
2	3	137	2.158	98.561
3	2	139	1.439	100.000

I FEEL THAT EVERYTHING IS ALL RIGHT ...

ITEM25	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	52	52	37.410	37.410
2	57	109	41.007	78.417
3	13	122	9.353	87.770
4	17	139	12.230	100.000

JOAN DI NAPOLI, R.N.

ALCOHOLISM -- PATTERN

ITEM26	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	139	139	100.000	100.000

ALCOHOLISM -- QUANTITY

ITEM27	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	138	138	99.281	99.281
2	1	139	0.719	100.000

GENERAL HEALTH -- SOMATIC COMPLAINTS

ITEM28	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	129	129	92.806	92.806
2	8	137	5.755	98.561
3	1	138	0.719	99.281
4	1	139	0.719	100.000

GENERAL HEALTH -- PHYSICAL HEALTH

ITEM29	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	76	76	54.676	54.676
2	41	117	29.496	84.173
3	14	131	10.072	94.245
4	8	139	5.755	100.000

GENERAL HEALTH -- DRUG ABUSE

ITEM30	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	137	137	98.561	98.561
2	2	139	1.439	100.000

EMOT-STAT -- LACK OF SUPPORT

ITEM31	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	101	101	72.662	72.662
2	24	125	17.266	89.928
3	7	132	5.036	94.964
4	7	139	5.036	100.000

JOAN DI NAPOLI, R.N.

EMOT-STAT -- LACK OF ALTERNATIVES

ITEM32	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	127	127	91.367	91.367
2	8	135	5.755	97.122
3	2	137	1.439	98.561
4	2	139	1.439	100.000

EMOT-STAT -- HOPELESSNESS

ITEM33	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	134	134	96.403	96.403
2	3	137	2.158	98.561
3	1	138	0.719	99.281
4	1	139	0.719	100.000

EMOT-STAT -- AVAILABLE SUPPORT

ITEM34	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	109	109	78.417	78.417
2	17	126	12.230	90.647
3	12	138	8.633	99.281
4	1	139	0.719	100.000

EMOT-STAT -- SELF BLAME

ITEM35	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	118	118	84.892	84.892
2	17	135	12.230	97.122
3	3	138	2.158	99.281
4	1	139	0.719	100.000

EMOT-STAT -- GUILT

ITEM36	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	129	129	92.806	92.806
2	6	135	4.317	97.122
3	2	137	1.439	98.561
4	2	139	1.439	100.000

EMOT-STAT -- PUNISHMENT

ITEM37	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	137	137	98.561	98.561
4	2	139	1.439	100.000

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JOAN DI NAPOLI, R.N.

EMOT-STAT -- SELF-CONTROL

ITEM38	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	132	132	94.964	94.964
2	7	139	5.036	100.000

EMOT-STAT -- AGRESSION

ITEM39	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	139	139	100.000	100.000

EMOT-STAT -- SELF-CONTROL

ITEM40	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	128	128	92.086	92.086
2	9	137	6.475	98.561
3	2	139	1.439	100.000

GENERAL HEALTH -- PERSONAL APPEARANCE

ITEM41	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	107	107	76.978	76.978
2	26	133	18.705	95.683
3	5	138	3.597	99.281
4	1	139	0.719	100.000

EMOT-STAT -- PERSONAL RESPONSIBILITY

ITEM42	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	105	105	75.540	75.540
2	25	130	17.986	93.525
3	6	136	4.317	97.842
4	3	139	2.158	100.000

SUICIDE BEHAVIOR -- RUMINATION, GENERAL

ITEM43	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	122	122	87.770	87.770
2	15	137	10.791	98.561
3	2	139	1.439	100.000

JOAN DI NAPOLI, R.N.

SUICIDE BEHAVIOR -- METHOD

ITEM44	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	137	137	98.561	98.561
2	1	138	0.719	99.281
3	1	139	0.719	100.000

SUICIDE BEHAVIOR -- PRIOR THREAT

ITEM45	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	138	138	99.281	99.281
2	1	139	0.719	100.000

SUICIDE BEHAVIOR -- PRIOR ATTEMPT

ITEM46	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	138	138	99.281	99.281
4	1	139	0.719	100.000

SUICIDE BEHAVIOR -- OTHER PERSON

ITEM47	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	55	55	39.568	39.568
4	84	139	60.432	100.000

GENERAL HEALTH -- PROFESSIONAL HELP

ITEM48	FREQUENCY	CUM FREQ	PERCENT	CUM PERCENT
1	83	83	59.712	59.712
4	56	139	40.288	100.000

APPENDIX C

PEARSON CORRELATION COEFFICIENTS FOR
ASSOCIATIONS FOR DEMOGRAPHIC
AND IPS RESPONSES WITH
SUBSCALE SCORES

JOAN DI NAPOLI, R.N.

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER HO:RHO=0 / N = 139

	TOTAL	DEPRESS	ANXIETY	ALCOHOL	GENHLTH	EMOTSTAT	SUICIDE
SEX	0.04207	0.02443	0.11400	-0.01644	0.02431	0.03241	-0.02277
SEX	0.6229	0.7735	0.1815	0.8476	0.7763	0.7069	0.7902
AGE	-0.08100	-0.07749	-0.15342	0.00634	0.00411	-0.08404	0.01957
AGE GROUP	0.3432	0.3646	0.0714	0.9408	0.9617	0.3253	0.8191
MS	-0.05421	-0.07441	0.09282	0.06281	-0.10512	0.06521	-0.08977
MARITAL STATUS (MARRIED/NOT MARRIED)	0.5110	0.3840	0.2771	0.4626	0.2181	0.4457	0.2987
HIDEGREE	-0.07738	-0.11307	-0.12265	0.07203	0.03002	-0.04119	0.04300
HIGHEST DEGREE EARNED	0.3652	0.1851	0.1503	0.3994	0.7257	0.6302	0.6192
NDEAN	-0.07553	-0.07912	-0.04830	0.03706	-0.12069	-0.04070	0.08056
NUMBER OF TIMES AS DEAN	0.3768	0.3545	0.5723	0.6650	0.1570	0.6343	0.3458
TOTDEAN	-0.00535	-0.01420	-0.11003	-0.02359	0.06040	0.01089	-0.00239
TOTAL YEARS AS DEAN	0.9501	0.8692	0.1973	0.7828	0.4800	0.8988	0.9778
YRSPRES	0.02199	0.00822	-0.11898	-0.10925	0.11012	0.05041	-0.01413
YEARS IN PRESENT POSITION	0.7972	0.9235	0.1630	0.2004	0.1969	0.5556	0.8689
CLASSCOL	0.08957	0.07367	-0.01440	0.08094	0.09134	0.06623	0.10191
CLASSIFICATION OF COLLEGE OR UNIVERSITY	0.2944	0.3887	0.8664	0.3435	0.2849	0.4385	0.2326
NDEGREE	-0.10402	-0.13279	-0.16683	-0.05426	-0.04669	0.03442	0.00800
NURSING DEGREES OFFERED	0.2142	0.1192	0.0497	0.5258	0.5852	0.6875	0.9256
BSTUDENT	-0.12081	-0.12722	-0.13121	-0.11053	-0.06751	-0.07696	0.02624
STUDENTS IN BACCALAUREATE NURSING	0.1566	0.1356	0.1237	0.1952	0.4297	0.3678	0.7591
TSTUDENT	-0.09865	-0.11787	-0.14424	-0.11296	-0.03226	-0.02556	0.02662
TOTAL NUMBER OF NURSING STUDENTS	0.2479	0.1670	0.0903	0.1855	0.7061	0.7652	0.7557
ITEM2	0.19354	0.25794	0.17560	-0.08920	0.06268	-0.04857	0.14841
MORNING IS WHEN I FEEL THE BEST	0.0224	0.0022	0.0387	0.2964	0.4634	0.5702	0.0812
ITEM5	0.14452	0.21863	-0.05588	-0.06982	0.06615	-0.02241	0.14198
I EAT AS MUCH AS I USED TO	0.0896	0.0097	0.5135	0.4141	0.4391	0.7934	0.0955
ITEM6	0.28644	0.38530	0.20267	0.03156	0.16646	0.12992	-0.05701
I ENJOY LOOKING AT ... ATTRACTIVE WOMEN	0.0006	0.0001	0.0167	0.7123	0.0502	0.1274	0.5050
ITEM12	0.44065	0.53778	0.24184	0.00067	0.27978	0.21182	0.04623
I FIND IT EASY TO DO THE THINGS I USEDTO	0.0001	0.0001	0.0041	0.9938	0.0009	0.0123	0.5989
ITEM16	0.56265	0.63551	0.40649	-0.05202	0.36982	0.29958	0.06909
I FEEL HOPEFUL ABOUT THE FUTURE	0.0001	0.0001	0.0001	0.5431	0.0001	0.0003	0.4190

JOAN DI NAPOLI, R.N.

PEARSON CORRELATION COEFFICIENTS / PROB > |R| UNDER HO:RHO=0 / N = 139

	TOTAL	DEPRESS	ANXIETY	ALCOHOL	GENHLTH	EMOTSTAT	SUICIDE
ITEM16	0.46517	0.54183	0.36349	0.04285	0.26943	0.26054	0.06800
I FIND IT EASY TO MAKE DECISIONS	0.0001	0.0001	0.0001	0.6165	0.0013	0.0020	0.4264
ITEM20	0.58430	0.61440	0.23303	0.17130	0.39864	0.42575	0.22277
I STILL ENJOY THE THINGS I USED TO DO	0.0001	0.0001	0.0056	0.0438	0.0001	0.0001	0.0084
ITEM25	0.50040	0.44362	0.81332	-0.00313	0.23492	0.30809	0.10846
I FEEL THAT EVERYTHING IS ALL RIGHT ...	0.0001	0.0001	0.0001	0.9708	0.0054	0.0002	0.2037
ITEM29	0.45893	0.38433	0.22249	0.03214	0.63710	0.19633	0.15968
GENERAL HEALTH -- PHYSICAL HEALTH	0.0001	0.0001	0.0085	0.7072	0.0001	0.0205	0.0604
ITEM47	0.22127	0.06560	-0.00745	-0.10520	0.11963	0.02814	0.89329
SUICIDE BEHAVIOR -- OTHER PERSON	0.0089	0.4429	0.9306	0.2178	0.1607	0.7423	0.0001
ITEM48	0.36623	0.24860	0.13851	0.10363	0.71807	0.06046	0.11241
GENERAL HEALTH -- PROFESSIONAL HELP	0.0001	0.0032	0.1039	0.2247	0.0001	0.4796	0.1877

APPENDIX D

KENDALL TAU B CORRELATION COEFFICIENTS FOR ASSOCIATIONS OF DEMOGRAPHIC AND IPS RESPONSES WITH SUBSCALE SCORES

JOAN DI NAPOLI, R.N.

KENDALL TAU B CORRELATION COEFFICIENTS / PROB > |R| UNDER HO:RHO=0 / N = 139

	TOTAL	DEPPRESS	ANXIETY	ALCOHOL	GENHLTH	EMOTSTAT	SUICIDE
SEX	0.03417	0.01951	0.12993	-0.01644	0.02742	0.05605	-0.02401
SEX	0.6303	0.7855	0.0945	0.8468	0.7131	0.4659	0.7674
AGE	-0.02244	-0.05627	-0.11642	0.00629	-0.00355	0.03458	0.04612
AGE GROUP	0.7342	0.3991	0.1073	0.9366	0.9592	0.6287	0.5615
MS	-0.10263	-0.08223	0.10558	0.06281	-0.09052	0.01450	-0.12624
MARITAL STATUS (MARRIED/NOT MARRIED)	0.1483	0.2515	0.1742	0.4606	0.2248	0.8503	0.1199
HIDEGREE	-0.06482	-0.09256	-0.10906	0.07203	0.03123	0.00520	0.02334
HIGHEST DEGREE EARNED	0.3613	0.1967	0.1604	0.3974	0.6754	0.9460	0.7737
NDEAN	-0.06200	-0.04072	0.02524	0.16243	-0.12158	-0.06657	0.04189
NUMBER OF TIMES AS DEAN	0.3730	0.5623	0.7402	0.0515	0.0962	0.3768	0.5985
TOTDEAN	0.03730	0.01533	-0.06415	-0.00827	0.05903	0.07292	0.01727
TOTAL YEARS AS DEAN	0.5418	0.8038	0.3372	0.9100	0.3576	0.2702	0.8046
YRSPRES	0.04552	0.02755	-0.09088	-0.11051	0.09377	0.10391	0.00072
YEARS IN PRESENT POSITION	0.4600	0.6579	0.1774	0.1342	0.1471	0.1190	0.9918
CLASSCOL	0.06821	0.03653	-0.08068	0.08094	0.06183	0.08737	0.07849
CLASSIFICATION OF COLLEGE OR UNIVERSITY	0.3367	0.6104	0.2537	0.3417	0.4070	0.2556	0.3337
NDEGREE	-0.03132	-0.07057	-0.14870	-0.05592	-0.02864	0.05941	0.00404
NURSING DEGREES OFFERED	0.6551	0.3189	0.0526	0.5058	0.6973	0.4337	0.9598
BSTUDENT	-0.10179	-0.09662	-0.11374	-0.11059	-0.07992	-0.05810	0.00822
STUDENTS IN BACCALAUREATE NURSING	0.1029	0.1252	0.0956	0.1390	0.2225	0.3895	0.9082
TSTUDENT	-0.07855	-0.08223	-0.12098	-0.11151	-0.05085	-0.03168	0.00837
TOTAL NUMBER OF NURSING STUDENTS	0.2083	0.1921	0.0764	0.1359	0.4378	0.6390	0.9066
ITEM2	0.19238	0.23077	0.17663	-0.08641	0.02975	-0.04182	0.13694
MORNING IS WHEN I FEEL THE BEST	0.0033	0.0005	0.0138	0.2715	0.6657	0.5557	0.0677
ITEM5	0.16838	0.21720	-0.03070	-0.07188	0.06499	-0.06429	0.11532
I EAT AS MUCH AS I USED TO	0.0109	0.0011	0.6713	0.3644	0.3493	0.3690	0.1271
ITEM6	0.24612	0.32424	0.19803	0.05769	0.13102	0.12231	-0.08575
I ENJOY LOOKING AT ... ATTRACTIVE WOMEN	0.0003	0.0000	0.0071	0.4741	0.0635	0.0928	0.2646
ITEM12	0.39075	0.44189	0.24453	0.01147	0.19873	0.20900	0.05442
I FIND IT EASY TO DO THE THINGS I USEDTO	0.0000	0.0001	0.0037	0.8848	0.0042	0.0035	0.4711
ITEM14	0.39698	0.46650	0.30054	-0.05511	0.27347	0.21999	0.01217
I FEEL HOPEFUL ABOUT THE FUTURE	0.0000	0.0001	0.0001	0.4980	0.0001	0.0027	0.8753

JOAN DI NAPOLI, R.N.

KENDALL TAU B CORRELATION COEFFICIENTS / PROB > |R| UNDER HO:RHO=0 / N = 139

	TOTAL	DEPRESS	ANXIETY	ALCOHOL	GENHLTH	EMOTSTAT	SUICIDE
ITEM16	0.43031	0.47270	0.33342	0.05518	0.23695	0.19821	0.05073
I FIND IT EASY TO MAKE DECISIONS	0.0001	0.0001	0.0000	0.5004	0.0010	0.0073	0.5160
ITEM20	0.50246	0.50914	0.19495	0.14764	0.33614	0.38808	0.20201
I STILL ENJOY THE THINGS I USED TO DO	0.0001	0.0001	0.0092	0.0716	0.0000	0.0000	0.0097
ITEM25	0.39747	0.33735	0.87653	0.02331	0.18856	0.19463	0.07308
I FEEL THAT EVERYTHING IS ALL RIGHT ...	0.0000	0.0000	0.0001	0.7696	0.0069	0.0068	0.3357
ITEM29	0.38072	0.29160	0.23870	0.06035	0.54062	0.17672	0.14287
GENERAL HEALTH -- PHYSICAL HEALTH	0.0000	0.0000	0.0012	0.4546	0.0001	0.0153	0.0634
ITEM47	0.26331	0.08080	-0.01556	-0.10520	0.10231	0.08048	0.89880
SUICIDE BEHAVIOR -- OTHER PERSON	0.0002	0.2598	0.8413	0.2165	0.1701	0.2951	0.0001
ITEM48	0.30067	0.16452	0.08890	0.10363	0.65818	0.01395	0.09834
GENERAL HEALTH -- PROFESSIONAL HELP	0.0000	0.0218	0.2525	0.2234	0.0001	0.8559	0.2258

APPENDIX E

T TEST PROCEDURES ON MEANS OF SUBSCALES WITH SELECTED DEMOGRAPHIC CATEGORIES AND GROUPED SCORES

JOAN D. NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

NOEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	63.09849558	8.74801766	0.82294429	50.00000000	93.00000000	UNEQUAL	0.0315	29.8	0.9751
2	26	63.00000000	13.71130920	2.68930897	53.00000000	123.00000000	EQUAL	0.0413	137.0	0.9671

FOR HO: VARIANCES ARE EQUAL, F'= 2.46 WITH 25 AND 112 DF PROB > F'= 0.0015

VARIABLE: DEPRESS DEPRESSION

NOEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	27.75221239	4.80425959	0.45194673	20.00000000	43.00000000	UNEQUAL	-0.0131	32.2	0.9896
2	26	27.76923077	6.22451728	1.22072827	21.00000000	50.00000000	EQUAL	-0.0154	137.0	0.9878

FOR HO: VARIANCES ARE EQUAL, F'= 1.68 WITH 25 AND 112 DF PROB > F'= 0.0713

VARIABLE: ANXIETY ANXIETY

NOEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	6.23008850	1.33636534	0.12571468	5.00000000	11.00000000	UNEQUAL	-0.7621	29.3	0.4521
2	26	6.57692308	2.23021213	0.43738058	5.00000000	16.00000000	EQUAL	-1.0363	137.0	0.3019

FOR HO: VARIANCES ARE EQUAL, F'= 2.79 WITH 25 AND 112 DF PROB > F'= 0.0003

VARIABLE: ALCOHOL ALCOHOLISM

NOEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	UNEQUAL	-1.0000	25.0	0.3269
2	26	2.03846154	0.19611614	0.03846154	2.00000000	3.00000000	EQUAL	-2.1107	137.0	0.0366

VARIABLE: GENHLTH GENERAL HEALTH

NOEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	8.84955752	2.50435777	0.23559016	6.00000000	16.00000000	UNEQUAL	1.7227	41.2	0.0924
2	26	8.00000000	2.20907220	0.43323470	6.00000000	14.00000000	EQUAL	1.5922	137.0	0.1136

FOR HO: VARIANCES ARE EQUAL, F'= 1.29 WITH 112 AND 25 DF PROB > F'= 0.4766

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JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

NOEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	12.27876106	2.48112343	0.23340446	11.00000000	27.00000000	UNEQUAL	0.2215	30.8	0.8262
2	26	12.61538462	3.56737352	0.69961951	11.00000000	29.00000000	EQUAL	0.2770	137.0	0.7822

FOR HO: VARIANCES ARE EQUAL, F'= 2.07 WITH 25 AND 112 DF PROB > F'= 0.0109

VARIABLE: SUICIDE SUICIDE BEHAVIOR

NOEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	6.92035398	1.55919847	0.14667705	5.00000000	10.00000000	UNEQUAL	-0.9245	30.9	0.3624
2	26	7.34615385	2.22606932	0.43656811	5.00000000	16.00000000	EQUAL	-1.1512	137.0	0.2517

FOR HO: VARIANCES ARE EQUAL, F'= 2.04 WITH 25 AND 112 DF PROB > F'= 0.0126

JOAN DI MAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	63.28571429	11.21740735	1.34073662	50.00000000	123.00000000	UNEQUAL	0.2585	126.5	0.7964
2	69	62.85507246	8.20916877	0.98826779	50.00000000	82.00000000	EQUAL	0.2580	137.0	0.7968

FOR HO: VARIANCES ARE EQUAL, F'= 1.87 WITH 69 AND 68 DF PROB > F'= 0.0108

VARIABLE: DEPRESS DEPRESSION

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	27.98571429	5.50755175	0.65827834	20.00000000	50.00000000	UNEQUAL	0.5383	133.6	0.5913
2	69	27.52173913	4.62286102	0.55652707	20.00000000	41.00000000	EQUAL	0.5376	137.0	0.5917

FOR HO: VARIANCES ARE EQUAL, F'= 1.42 WITH 69 AND 68 DF PROB > F'= 0.1501

VARIABLE: ANXIETY ANXIETY

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	6.41428571	1.79768657	0.21486464	5.00000000	16.00000000	UNEQUAL	0.9226	121.8	0.3581
2	69	6.17391304	1.22422270	0.14737909	5.00000000	10.00000000	EQUAL	0.9201	137.0	0.3591

FOR HO: VARIANCES ARE EQUAL, F'= 2.16 WITH 69 AND 68 DF PROB > F'= 0.0018

VARIABLE: ALCOHOL ALCOHOLISM

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	2.01428571	0.11952286	0.01428571	2.00000000	3.00000000	UNEQUAL	1.0000	69.0	0.3208
2	69	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	EQUAL	0.9928	137.0	0.3226

VARIABLE: GENHLTH GENERAL HEALTH

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	8.52857143	2.33834295	0.27954520	6.00000000	16.00000000	UNEQUAL	-0.7785	135.1	0.4376
2	69	8.85507246	2.59680438	0.31261851	6.00000000	15.00000000	EQUAL	-0.7791	137.0	0.4372

FOR HO: VARIANCES ARE EQUAL, F'= 1.23 WITH 68 AND 69 DF PROB > F'= 0.3881

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	12.74285714	3.26014899	0.38966233	11.00000000	29.00000000	UNEQUAL	-0.0235	115.1	0.9813
2	69	12.75362319	2.01031017	0.24201290	11.00000000	19.00000000	EQUAL	-0.0234	137.0	0.9814

FOR HO: VARIANCES ARE EQUAL, F'= 2.63 WITH 69 AND 68 DF PROB > F'= 0.0001

VARIABLE: SUICIDE SUICIDE BEHAVIOR

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	7.01428571	1.85326079	0.22150703	5.00000000	16.00000000	UNEQUAL	0.0994	133.4	0.9210
2	69	6.98550725	1.54817496	0.18637836	5.00000000	10.00000000	EQUAL	0.0993	137.0	0.9211

FOR HO: VARIANCES ARE EQUAL, F'= 1.43 WITH 69 AND 68 DF PROB > F'= 0.1394

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	63.17808219	11.25998627	1.31788171	50.00000000	123.00000000	UNEQUAL	0.1360	129.8	0.8920
2	66	62.95454545	7.98157844	0.98246439	50.00000000	81.00000000	EQUAL	0.1337	137.0	0.8938

FOR HO: VARIANCES ARE EQUAL, F'= 1.99 WITH 72 AND 65 DF PROB > F'= 0.0054

VARIABLE: DEPRESS DEPRESSION

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	27.89041096	5.62376318	0.65821169	20.00000000	50.00000000	UNEQUAL	0.3328	134.5	0.7398
2	66	27.60606061	4.42676749	0.54489741	20.00000000	37.00000000	EQUAL	0.3288	137.0	0.7428

FOR HO: VARIANCES ARE EQUAL, F'= 1.61 WITH 72 AND 65 DF PROB > F'= 0.0512

VARIABLE: ANXIETY ANXIETY

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	6.49315068	1.80372522	0.21111007	5.00000000	16.00000000	UNEQUAL	1.6402	123.9	0.1035
2	66	6.07575758	1.15439769	0.14209653	5.00000000	10.00000000	EQUAL	1.6057	137.0	0.1106

FOR HO: VARIANCES ARE EQUAL, F'= 2.44 WITH 72 AND 65 DF PROB > F'= 0.0003

VARIABLE: ALCOHOL ALCOHOLISM

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	2.01369863	0.11704115	0.01369863	2.00000000	3.00000000	UNEQUAL	1.0000	72.0	0.3207
2	66	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	EQUAL	0.9505	137.0	0.3435

VARIABLE: GENHLTH GENERAL HEALTH

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	8.49315068	2.41018261	0.28209054	6.00000000	16.00000000	UNEQUAL	-0.9903	134.0	0.3238
2	66	8.90909091	2.52816305	0.31119536	6.00000000	15.00000000	EQUAL	-0.9927	137.0	0.3226

FOR HO: VARIANCES ARE EQUAL, F'= 1.10 WITH 65 AND 72 DF PROB > F'= 0.6906

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JOAN DI NAPOLI, P.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	12.68493151	3.20536318	0.37515938	11.00000000	29.00000000	UNEQUAL	-0.2956	123.2	0.7680
2	66	12.81818182	2.02984722	0.24985692	11.00000000	19.00000000	EQUAL	-0.2893	137.0	0.7729

FOR HO: VARIANCES ARE EQUAL, F'= 2.49 WITH 72 AND 65 DF PROB > F'= 0.0003

VARIABLE: SUICIDE SUICIDE BEHAVIOR

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	6.98630137	1.81424265	0.21234104	5.00000000	16.00000000	UNEQUAL	-0.1001	136.8	0.9204
2	66	7.01515152	1.58349589	0.19491487	5.00000000	10.00000000	EQUAL	-0.0994	137.0	0.9210

FOR HO: VARIANCES ARE EQUAL, F'= 1.31 WITH 72 AND 65 DF PROB > F'= 0.2661

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

BSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	64.01234569	10.95729646	1.21747738	50.00000000	123.00000000	UNEQUAL	1.4143	137.0	0.1595
2	58	61.75862069	7.83001500	1.02813134	51.00000000	83.00000000	EQUAL	1.3399	137.0	0.1825

FOR HO: VARIANCES ARE EQUAL, F'= 1.96 WITH 80 AND 57 DF PROB > F'= 0.0082

VARIABLE: DEPRESS DEPRESSION

BSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	28.24691358	5.66244396	0.62916044	20.00000000	50.00000000	UNEQUAL	1.4277	137.0	0.1556
2	58	27.06896552	4.06466187	0.53371625	20.00000000	37.00000000	EQUAL	1.3536	137.0	0.1781

FOR HO: VARIANCES ARE EQUAL, F'= 1.94 WITH 80 AND 57 DF PROB > F'= 0.0091

VARIABLE: ANXIETY ANXIETY

BSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	6.45679012	1.71791576	0.19087953	5.00000000	16.00000000	UNEQUAL	1.5530	137.0	0.1227
2	58	6.06896552	1.22634915	0.16102753	5.00000000	10.00000000	EQUAL	1.4711	137.0	0.1436

FOR HO: VARIANCES ARE EQUAL, F'= 1.96 WITH 80 AND 57 DF PROB > F'= 0.0080

VARIABLE: ALCOHOL ALCOHOLISM

BSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	2.01234568	0.11111111	0.01234568	2.00000000	3.00000000	UNEQUAL	1.0000	80.0	0.3203
2	58	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	EQUAL	0.8453	137.0	0.3994

VARIABLE: GENHLTH GENERAL HEALTH

BSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	8.92592593	2.39675707	0.26630634	6.00000000	16.00000000	UNEQUAL	1.3193	118.3	0.1896
2	58	8.36206897	2.54571036	0.33426815	6.00000000	15.00000000	EQUAL	1.3326	137.0	0.1849

FOR HO: VARIANCES ARE EQUAL, F'= 1.13 WITH 57 AND 80 DF PROB > F'= 0.6132

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JOAN DI NAPOLI, P.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

BSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	12.79012346	2.79605101	0.31067233	11.00000000	29.00000000	UNEQUAL	0.2181	128.2	0.8277
2	58	12.68965517	2.59017643	0.34010683	11.00000000	27.00000000	EQUAL	0.2153	137.0	0.9298

FOR HO: VARIANCES ARE EQUAL, F'= 1.17 WITH 80 AND 57 DF PROB > F'= 0.5450

VARIABLE: SUICIDE SUICIDE BEHAVIOR

BSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	7.01234568	1.86744362	0.20749374	5.00000000	16.00000000	UNEQUAL	0.1048	135.9	0.9167
2	58	6.98275862	1.45688179	0.19129795	5.00000000	9.00000000	EQUAL	0.1007	137.0	0.9200

FOR HO: VARIANCES ARE EQUAL, F'= 1.64 WITH 80 AND 57 DF PROB > F'= 0.0492

JOAN DI MAPOLI, P.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

TSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	64.32000000	11.21914387	1.29547515	50.00000000	123.00000000	UNEQUAL	1.6821	131.1	0.0549
2	64	61.60937500	7.66690929	0.95836366	50.00000000	83.00000000	EQUAL	1.6341	137.0	0.1045

FOR HO: VARIANCES ARE EQUAL, F'= 2.14 WITH 74 AND 63 DF PROB > F'= 0.0023

VARIABLE: DEPRESS DEPRESSION

TSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	29.37333333	5.78154378	0.66759575	20.00000000	50.00000000	UNEQUAL	1.6062	131.9	0.1106
2	64	27.03125000	4.01966890	0.50245861	20.00000000	37.00000000	EQUAL	1.5622	137.0	0.1205

FOR HO: VARIANCES ARE EQUAL, F'= 2.07 WITH 74 AND 63 DF PROB > F'= 0.0035

VARIABLE: ANXIETY ANXIETY

TSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	6.52000000	1.76574003	0.20389010	5.00000000	16.00000000	UNEQUAL	1.9414	130.0	0.0544
2	64	6.03125000	1.18145391	0.14768174	5.00000000	10.00000000	EQUAL	1.8832	137.0	0.0618

FOR HO: VARIANCES ARE EQUAL, F'= 2.23 WITH 74 AND 63 DF PROB > F'= 0.0013

VARIABLE: ALCOHOL ALCOHOLISM

TSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	2.01333333	0.11547005	0.01333333	2.00000000	3.00000000	UNEQUAL	1.0000	74.0	0.3206
2	64	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	EQUAL	0.9233	137.0	0.3575

VARIABLE: GENHLTH GENERAL HEALTH

TSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	8.56000000	2.44639835	0.28246575	6.00000000	16.00000000	UNEQUAL	1.3973	133.1	0.1647
2	64	8.37500000	2.47206616	0.30900827	6.00000000	15.00000000	EQUAL	1.3984	137.0	0.1642

FOR HO: VARIANCES ARE EQUAL, F'= 1.02 WITH 63 AND 74 DF PROB > F'= 0.9264

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

TSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	12.80000000	2.88519052	0.33315310	11.00000000	29.00000000	UNEQUAL	0.2466	137.0	0.8056
2	64	12.64750000	2.49364271	0.31170534	11.00000000	27.00000000	EQUAL	0.2438	137.0	0.8078

FOR HO: VARIANCES ARE EQUAL, F'= 1.34 WITH 74 AND 63 DF PROB > F'= 0.2357

VARIABLE: SUICIDE SUICIDE BEHAVIOR

TSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	7.05333333	1.88803726	0.21801176	5.00000000	16.00000000	UNEQUAL	0.4065	135.9	0.6850
2	64	6.93750000	1.46791073	0.18348884	5.00000000	9.00000000	EQUAL	0.3986	137.0	0.6908

FOR HO: VARIANCES ARE EQUAL, F'= 1.65 WITH 74 AND 63 DF PROB > F'= 0.0416

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM2A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	62.35823529	10.76932827	1.16809766	50.00000000	123.00000000	UNEQUAL	-1.0996	133.4	0.2735
2	54	64.14814815	8.04095040	1.09423479	50.00000000	85.00000000	EQUAL	-1.0315	137.0	0.3041

FOR HO: VARIANCES ARE EQUAL, F'= 1.79 WITH 84 AND 53 DF PROB > F'= 0.0237

VARIABLE: DEPRESS DEPRESSION

ITEM2A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	27.17647059	5.38776495	0.58438516	20.00000000	50.00000000	UNEQUAL	-1.7741	128.0	0.0784
2	54	28.66666667	4.43430241	0.60339130	22.00000000	41.00000000	EQUAL	-1.6990	137.0	0.0916

FOR HO: VARIANCES ARE EQUAL, F'= 1.48 WITH 84 AND 53 DF PROB > F'= 0.1287

VARIABLE: ANXIETY ANXIETY

ITEM2A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	6.14117647	1.53228694	0.17162344	5.00000000	16.00000000	UNEQUAL	-1.5137	120.1	0.1327
2	54	6.53703704	1.44995723	0.19731419	5.00000000	10.00000000	EQUAL	-1.4844	137.0	0.1400

FOR HO: VARIANCES ARE EQUAL, F'= 1.19 WITH 84 AND 53 DF PROB > F'= 0.4977

VARIABLE: ALCOHOL ALCOHOLISM

ITEM2A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	2.01176471	0.10846523	0.01176471	2.00000000	3.00000000	UNEQUAL	1.0000	84.0	0.3202
2	54	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	EQUAL	0.7960	137.0	0.4274

VARIABLE: GENHLTH GENERAL HEALTH

ITEM2A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	8.76470589	2.45748157	0.26655130	6.00000000	16.00000000	UNEQUAL	0.4411	111.5	0.6600
2	54	8.57407407	2.49982527	0.34018313	6.00000000	15.00000000	EQUAL	0.4428	137.0	0.6586

FOR HO: VARIANCES ARE EQUAL, F'= 1.03 WITH 53 AND 84 DF PROB > F'= 0.8759

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM2A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	12.94117647	3.02510504	0.32811871	11.00000000	29.00000000	UNEQUAL	1.1441	136.0	0.2546
2	54	12.44444444	2.08920556	0.28430487	11.00000000	19.00000000	EQUAL	1.0565	137.0	0.2926

FOR HO: VARIANCES ARE EQUAL, F'= 2.10 WITH 84 AND 53 DF PROB > F'= 0.0045

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM2A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	6.84705882	1.86768180	0.20257853	5.00000000	16.00000000	UNEQUAL	-1.4221	133.6	0.1573
2	54	7.24074074	1.38639189	0.18866404	5.00000000	9.00000000	EQUAL	-1.3325	137.0	0.1849

FOR HO: VARIANCES ARE EQUAL, F'= 1.81 WITH 84 AND 53 DF PROB > F'= 0.0211

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	61.70833333	8.85952579	1.04410513	50.00000000	93.00000000	UNEQUAL	-1.7003	129.0	0.0915
2	67	64.53731343	10.60349908	1.29542359	51.00000000	123.00000000	EQUAL	-1.7113	137.0	0.0893

FOR HO: VARIANCES ARE EQUAL, F'= 1.43 WITH 66 AND 71 DF PROB > F'= 0.1380

VARIABLE: DEPRESS DEPRESSION

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	26.70833333	4.96590448	0.58523750	20.00000000	43.00000000	UNEQUAL	-2.5723	136.2	0.0112
2	67	28.88059701	4.90337353	0.60881598	22.00000000	50.00000000	EQUAL	-2.5726	137.0	0.0112

FOR HO: VARIANCES ARE EQUAL, F'= 1.01 WITH 66 AND 71 DF PROB > F'= 0.9746

VARIABLE: ANXIETY ANXIETY

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	6.31944444	1.44208759	0.16995165	3.00000000	11.00000000	UNEQUAL	0.1928	131.5	0.8474
2	67	6.26865672	1.64760698	0.20128723	3.00000000	16.00000000	EQUAL	0.1937	137.0	0.8467

FOR HO: VARIANCES ARE EQUAL, F'= 1.31 WITH 66 AND 71 DF PROB > F'= 0.2708

VARIABLE: ALCOHOL ALCOHOLISM

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	2.01388889	0.11785113	0.01388889	2.00000000	3.00000000	UNEQUAL	1.0000	71.0	0.3207
2	67	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	EQUAL	0.9644	137.0	0.3365

VARIABLE: GENHLTH GENERAL HEALTH

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	8.54166667	2.46632246	0.29065889	6.00000000	16.00000000	UNEQUAL	-0.7368	136.2	0.4625
2	67	8.85074627	2.47566172	0.30245022	6.00000000	15.00000000	EQUAL	-0.7369	137.0	0.4624

FOR HO: VARIANCES ARE EQUAL, F'= 1.01 WITH 66 AND 71 DF PROB > F'= 0.9728

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	12.72222222	2.07752712	0.24483892	11.00000000	19.00000000	UNEQUAL	-0.1153	110.6	0.9084
2	67	12.77611940	3.76051165	0.39833490	11.00000000	29.00000000	EQUAL	-0.1171	137.0	0.9070

FOR HO: VARIANCES ARE EQUAL, F'= 2.46 WITH 66 AND 71 DF PROB > F'= 0.0002

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	6.83333333	1.56347252	0.18449271	5.00000000	10.00000000	UNEQUAL	-1.1916	130.2	0.2356
2	67	7.17910448	1.83340529	0.22398611	5.00000000	16.00000000	EQUAL	-1.1983	137.0	0.2329

FOR HO: VARIANCES ARE EQUAL, F'= 1.37 WITH 66 AND 71 DF PROB > F'= 0.1919

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	60.75308642	7.77742063	0.86415785	50.00000000	83.00000000	UNEQUAL	-3.2194	94.0	0.0018
2	58	66.31034483	11.38513481	1.49494144	53.00000000	123.00000000	EQUAL	-3.4198	137.0	0.0008

FOR HO: VARIANCES ARE EQUAL, F'= 2.14 WITH 57 AND 80 DF PROB > F'= 0.0017

VARIABLE: DEPRESS DEPRESSION

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	26.09876543	4.20596285	0.46732921	20.00000000	41.00000000	UNEQUAL	-4.7315	104.7	0.0001
2	58	30.06896552	5.30759822	0.69702179	22.00000000	50.00000000	EQUAL	-4.9153	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.59 WITH 57 AND 80 DF PROB > F'= 0.0547

VARIABLE: ANXIETY ANXIETY

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	6.00000000	1.21449578	0.13494398	5.00000000	10.00000000	UNEQUAL	-2.5593	91.9	0.0121
2	58	6.70689655	1.83540827	0.24100091	5.00000000	16.00000000	EQUAL	-2.7319	137.0	0.0071

FOR HO: VARIANCES ARE EQUAL, F'= 2.28 WITH 57 AND 80 DF PROB > F'= 0.0007

VARIABLE: ALCOHOL ALCOHOLISM

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	UNEQUAL	-1.0000	57.0	0.3215
2	58	2.01724138	0.13130643	0.01724138	2.00000000	3.00000000	EQUAL	-1.1835	137.0	0.2387

VARIABLE: GENHLTH GENERAL HEALTH

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	8.34567901	2.23696499	0.24855167	6.00000000	15.00000000	UNEQUAL	-1.9083	108.1	0.0590
2	58	9.17241379	2.70242212	0.35484541	6.00000000	16.00000000	EQUAL	-1.9687	137.0	0.0510

FOR HO: VARIANCES ARE EQUAL, F'= 1.46 WITH 57 AND 80 DF PROB > F'= 0.1182

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	12.58024691	2.54393493	0.28265944	11.00000000	27.00000000	UNEQUAL	-0.8456	112.3	0.3996
2	58	12.98275862	2.91692808	0.38301142	11.00000000	29.00000000	EQUAL	-0.8450	137.0	0.3856

FOR HO: VARIANCES ARE EQUAL, F'= 1.31 WITH 57 AND 80 DF PROB > F'= 0.2572

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	7.07407407	1.45583119	0.16175902	5.00000000	10.00000000	UNEQUAL	0.5743	98.2	0.3671
2	58	6.89655172	2.30604048	0.26340602	5.00000000	16.00000000	EQUAL	0.6048	137.0	0.5463

FOR HO: VARIANCES ARE EQUAL, F'= 1.90 WITH 57 AND 80 DF PROB > F'= 0.0082

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	61.31683168	9.34016134	0.92938079	50.00000000	123.00000000	UNEQUAL	-3.5402	65.0	0.0007
2	38	67.71684211	9.59922353	1.55719768	52.00000000	93.00000000	EQUAL	-3.5647	137.0	0.0005

FOR HO: VARIANCES ARE EQUAL, F'= 1.06 WITH 37 AND 100 DF PROB > F'= 0.8080

VARIABLE: DEPRESS DEPRESSION

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	26.55445545	4.55735723	0.45347399	20.00000000	50.00000000	UNEQUAL	-4.6909	61.0	0.0001
2	38	30.84736842	5.05080870	0.81934937	22.00000000	43.00000000	EQUAL	-4.9158	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.23 WITH 37 AND 100 DF PROB > F'= 0.4201

VARIABLE: ANXIETY ANXIETY

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	6.16831683	1.41911908	0.15115800	5.00000000	16.00000000	UNEQUAL	-1.8311	65.6	0.0716
2	38	6.68421053	1.54404284	0.25047682	5.00000000	11.00000000	EQUAL	-1.8448	137.0	0.0672

FOR HO: VARIANCES ARE EQUAL, F'= 1.03 WITH 37 AND 100 DF PROB > F'= 0.8719

VARIABLE: ALCOHOL ALCOHOLISM

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	2.00990099	0.09950372	0.00990099	2.00000000	3.00000000	UNEQUAL	1.0000	100.0	0.3197
2	38	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	EQUAL	0.6120	137.0	0.5416

VARIABLE: GENHLTH GENERAL HEALTH

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	8.48514851	2.24741715	0.22360651	6.00000000	15.00000000	UNEQUAL	-1.4580	55.9	0.1504
2	38	9.23684211	2.85159235	0.46258936	6.00000000	16.00000000	EQUAL	-1.6105	137.0	0.1096

FOR HO: VARIANCES ARE EQUAL, F'= 1.55 WITH 37 AND 100 DF PROB > F'= 0.0860

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	12.52475248	2.74806863	0.27344305	11.00000000	29.00000000	UNEQUAL	-1.6629	72.2	0.1001
2	38	13.34210526	2.51778877	0.40843927	11.00000000	19.00000000	EQUAL	-1.5979	137.0	0.1124

FOR HO: VARIANCES ARE EQUAL, F'= 1.19 WITH 100 AND 37 DF PROB > F'= 0.5548

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	6.98019802	1.78314440	0.17742950	5.00000000	16.00000000	UNEQUAL	-0.2418	79.2	0.8096
2	38	7.05263158	1.46774032	0.24134335	5.00000000	10.00000000	EQUAL	-0.2228	137.0	0.8240

FOR HO: VARIANCES ARE EQUAL, F'= 1.44 WITH 100 AND 37 DF PROB > F'= 0.2127

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	59.85106383	6.21125833	0.64064238	50.00000000	83.00000000	UNEQUAL	-5.1174	55.0	0.0001
2	45	69.80000000	12.31333350	1.83556339	53.00000000	123.00000000	EQUAL	-6.3423	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 3.93 WITH 44 AND 93 DF PROB > F'= 0.0001

VARIABLE: DEPRESS DEPRESSION

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	25.76595745	3.36146900	0.34670905	20.00000000	33.00000000	UNEQUAL	-6.8539	60.0	0.0001
2	45	31.91111111	5.54658872	0.82683663	23.00000000	50.00000000	EQUAL	-8.0918	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 2.72 WITH 44 AND 93 DF PROB > F'= 0.0001

VARIABLE: ANXIETY ANXIETY

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	5.97872340	1.17290189	0.12098344	5.00000000	10.00000000	UNEQUAL	-3.0921	59.5	0.0031
2	45	6.95555556	1.96509953	0.29293974	5.00000000	16.00000000	EQUAL	-3.6545	137.0	0.0004

FOR HO: VARIANCES ARE EQUAL, F'= 2.81 WITH 44 AND 93 DF PROB > F'= 0.0001

VARIABLE: ALCOHOL ALCOHOLISM

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	2.01063830	0.10314212	0.01063830	2.00000000	3.00000000	UNEQUAL	1.0000	93.0	0.3199
2	45	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	EQUAL	0.6906	137.0	0.4910

VARIABLE: GENHLTH GENERAL HEALTH

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	8.10638298	2.05550970	0.21200964	6.00000000	14.00000000	UNEQUAL	-3.8431	67.3	0.0003
2	45	9.91111111	2.81087355	0.41902029	6.00000000	16.00000000	EQUAL	-4.2820	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.87 WITH 44 AND 93 DF PROB > F'= 0.0119

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM144	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	12.35106383	2.27519323	0.23466826	11.00000000	27.00000000	UNEQUAL	-2.2472	64.6	0.0280
2	45	13.57777778	3.30625364	0.49286719	11.00000000	29.00000000	EQUAL	-2.5532	137.0	0.0118

FOR HO: VARIANCES ARE EQUAL, F'= 2.11 WITH 44 AND 93 DF PROB> F'= 0.0026

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM144	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	6.95744681	1.52340093	0.15712681	5.00000000	10.00000000	UNEQUAL	-0.3836	68.3	0.7025
2	45	7.08888889	2.04297268	0.30454839	5.00000000	16.00000000	EQUAL	-0.4246	137.0	0.6718

FOR HO: VARIANCES ARE EQUAL, F'= 1.80 WITH 44 AND 93 DF PROB > F'= 0.0185

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	62.08870968	9.30333975	0.83546897	50.00000000	123.00000000	UNEQUAL	-3.2397	16.8	0.0049
2	15	71.20000000	10.40054944	2.68541032	58.00000000	93.00000000	EQUAL	-3.5377	137.0	0.0006

FOR HO: VARIANCES ARE EQUAL, F'= 1.25 WITH 14 AND 123 DF PROB > F'= 0.4976

VARIABLE: DEPRESS DEPRESSION

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	27.18548387	4.77181245	0.42852141	20.00000000	50.00000000	UNEQUAL	-3.7420	17.0	0.0016
2	15	32.46666667	5.20805237	1.34471334	25.00000000	43.00000000	EQUAL	-4.0095	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.19 WITH 14 AND 123 DF PROB > F'= 0.5308

VARIABLE: ANXIETY ANXIETY

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	6.16935484	1.44110264	0.12941484	5.00000000	16.00000000	UNEQUAL	-2.2371	15.9	0.0400
2	15	7.33333333	1.95180015	0.50395263	5.00000000	11.00000000	EQUAL	-2.8362	137.0	0.0053

FOR HO: VARIANCES ARE EQUAL, F'= 1.83 WITH 14 AND 123 DF PROB > F'= 0.0812

VARIABLE: ALCOHOL ALCOHOLISM

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	2.00806452	0.08980265	0.00806452	2.00000000	3.00000000	UNEQUAL	1.0000	123.0	0.3193
2	15	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	EQUAL	0.3467	137.0	0.7294

VARIABLE: GENHLTH GENERAL HEALTH

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	8.59870968	2.41611156	0.21697322	6.00000000	15.00000000	UNEQUAL	-1.2516	16.6	0.2281
2	15	9.53333333	2.79965984	0.72286906	6.00000000	16.00000000	EQUAL	-1.4058	137.0	0.1621

FOR HO: VARIANCES ARE EQUAL, F'= 1.34 WITH 14 AND 123 DF PROB > F'= 0.3846

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	12.50806452	2.38728327	0.21438437	11.00000000	29.00000000	UNEQUAL	-2.0371	15.1	0.0595
2	15	14.73333333	4.14843631	1.07112165	11.00000000	27.00000000	EQUAL	-3.1044	137.0	0.0023

FOR HO: VARIANCES ARE EQUAL, F'= 3.02 WITH 14 AND 123 DF PROB > F'= 0.0010

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	6.99387097	1.74832729	0.15700443	5.00000000	16.00000000	UNEQUAL	-0.4028	20.7	0.6912
2	15	7.13333333	1.30201309	0.33617634	5.00000000	8.00000000	EQUAL	-0.3201	137.0	0.7494

FOR HO: VARIANCES ARE EQUAL, F'= 1.80 WITH 123 AND 14 DF PROB > F'= 0.2101

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	59.07526882	5.67457441	0.58842596	50.00000000	79.00000000	UNEQUAL	-6.7961	56.3	0.0001
2	46	71.15217391	11.37241769	1.67677151	58.00000000	123.00000000	EQUAL	-8.3680	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 4.02 WITH 45 AND 92 DF PROB > F'= 0.0001

VARIABLE: DEPRESS DEPRESSION

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	25.58064516	3.38257228	0.35075641	20.00000000	35.00000000	UNEQUAL	-7.9159	65.2	0.0001
2	46	32.15217391	5.10323380	0.75243077	24.00000000	50.00000000	EQUAL	-9.0472	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 2.28 WITH 45 AND 92 DF PROB > F'= 0.0009

VARIABLE: ANXIETY ANXIETY

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	6.09376344	1.21910152	0.12641494	5.00000000	10.00000000	UNEQUAL	-2.3053	62.6	0.0245
2	46	6.78260870	1.96540121	0.28978260	5.00000000	16.00000000	EQUAL	-2.6856	137.0	0.0081

FOR HO: VARIANCES ARE EQUAL, F'= 2.60 WITH 45 AND 92 DF PROB > F'= 0.0001

VARIABLE: ALCOHOL ALCOHOLISM

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	UNEQUAL	-1.0000	45.0	0.3227
2	46	2.02173913	0.14744196	0.02173913	2.00000000	3.00000000	EQUAL	-1.4272	137.0	0.1556

VARIABLE: GENHLTH GENERAL HEALTH

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	7.94623656	1.99109753	0.20646720	6.00000000	14.00000000	UNEQUAL	-5.0699	70.7	0.0001
2	46	10.19565217	2.66349449	0.39271084	6.00000000	16.00000000	EQUAL	-5.5850	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.79 WITH 45 AND 92 DF PROB > F'= 0.0191

YTEST PROCEDURE

VARIABLE: ENDTSTAT ENDTIONAL STATUS

ITEM204	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	11.95698925	1.48114217	0.15359729	11.00000000	17.00000000	UNEQUAL	-4.1736	52.1	0.0001
2	46	14.34782609	3.74294428	0.55186762	11.00000000	29.00000000	EQUAL	-5.3814	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 6.39 WITH 45 AND 92 DF PROB > F'= 0.0001

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	6.75268817	1.52981893	0.15863483	5.00000000	10.00000000	UNEQUAL	-2.2945	73.8	0.0246
2	46	7.50000000	1.92930615	0.28446067	5.00000000	16.00000000	EQUAL	-2.4802	137.0	0.0143

FOR HO: VARIANCES ARE EQUAL, F'= 1.59 WITH 45 AND 92 DF PROB > F'= 0.0619

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM25A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	60.77064220	6.95306391	0.66598245	50.00000000	82.00000000	UNEQUAL	-4.1435	33.3	0.0002
2	30	71.43333333	13.61460507	2.48567544	54.00000000	123.00000000	EQUAL	-5.8904	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 3.83 WITH 29 AND 108 DF PROB > F'= 0.0001

VARIABLE: DEPRESS DEPRESSION

ITEM25A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	26.70642202	4.21064282	0.40328728	20.00000000	41.00000000	UNEQUAL	-4.0961	36.9	0.0002
2	30	31.56666667	6.11207586	1.11590727	22.00000000	50.00000000	EQUAL	-5.0393	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 2.11 WITH 29 AND 108 DF PROB > F'= 0.0063

VARIABLE: ANXIETY ANXIETY

ITEM25A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	5.73394495	0.82374711	0.07890066	5.00000000	9.00000000	UNEQUAL	-7.6639	32.4	0.0001
2	30	8.33333333	1.86675616	0.32986703	7.00000000	16.00000000	EQUAL	-11.3869	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 4.81 WITH 29 AND 108 DF PROB > F'= 0.0001

VARIABLE: ALCOHOL ALCOHOLISM

ITEM25A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	2.00917431	0.09576263	0.00917431	2.00000000	3.00000000	UNEQUAL	1.0000	108.0	0.3195
2	30	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	EQUAL	0.5232	137.0	0.6017

VARIABLE: GENHLTH GENERAL HEALTH

ITEM25A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	8.45871560	2.22998136	0.21359348	6.00000000	15.00000000	UNEQUAL	-1.7855	37.7	0.0822
2	30	9.53333333	3.08202053	0.56269739	6.00000000	16.00000000	EQUAL	-2.1402	137.0	0.0341

FOR HO: VARIANCES ARE EQUAL, F'= 1.91 WITH 29 AND 108 DF PROB > F'= 0.0181

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JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM2SA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	12.28440367	1.76431575	0.16899080	11.00000000	17.00000000	UNEQUAL	-2.6135	31.6	0.0136
2	30	14.43333333	4.40754317	0.80470361	11.00000000	29.00000000	EQUAL	-4.0676	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 6.24 WITH 29 AND 108 DF PROB > F'= 0.0001

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM2SA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	6.92660550	1.51355861	0.14497262	5.00000000	10.00000000	UNEQUAL	-0.7735	36.4	0.4442
2	30	7.26666667	2.27328311	0.41504281	5.00000000	16.00000000	EQUAL	-0.9686	137.0	0.3345

FOR HO: VARIANCES ARE EQUAL, F'= 2.26 WITH 29 AND 108 DF PROB > F'= 0.0028

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	59.51315789	6.31926878	0.72486584	50.00000000	85.00000000	UNEQUAL	-4.8578	92.3	0.0001
2	63	67.36507937	11.46706587	1.44471450	53.00000000	123.00000000	EQUAL	-5.1088	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 3.29 WITH 62 AND 75 DF PROB > F'= 0.0001

VARIABLE: DEPRESS DEPRESSION

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	26.31578947	4.04379533	0.46385514	20.00000000	41.00000000	UNEQUAL	-3.7381	109.5	0.0003
2	63	29.49206349	5.65078646	0.71193218	21.00000000	50.00000000	EQUAL	-3.8535	137.0	0.0002

FOR HO: VARIANCES ARE EQUAL, F'= 1.95 WITH 62 AND 75 DF PROB > F'= 0.0058

VARIABLE: ANXIETY ANXIETY

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	6.03000000	1.26491106	0.14509525	5.00000000	10.00000000	UNEQUAL	-2.4547	109.8	0.0157
2	63	6.65079365	1.76121961	0.22189281	5.00000000	16.00000000	EQUAL	-2.5297	137.0	0.0125

FOR HO: VARIANCES ARE EQUAL, F'= 1.94 WITH 62 AND 75 DF PROB > F'= 0.0064

VARIABLE: ALCOHOL ALCOHOLISM

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	UNEQUAL	-1.0000	62.0	0.3212
2	63	2.01587302	0.12598816	0.01587302	2.00000000	3.00000000	EQUAL	-1.0992	137.0	0.2736

VARIABLE: GENHLTH GENERAL HEALTH

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	7.43421053	1.69182762	0.19406594	6.00000000	13.00000000	UNEQUAL	-7.6912	108.1	0.0001
2	63	10.20634921	2.41072021	0.30372220	7.00000000	16.00000000	EQUAL	-7.9417	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 2.03 WITH 62 AND 75 DF PROB > F'= 0.0036

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JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM294	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	12.23684211	1.72718207	0.19812137	11.00000000	17.00000000	UNEQUAL	-2.3594	87.2	0.0206
2	63	13.36507937	3.45618467	0.43543836	11.00000000	29.00000000	EQUAL	-2.4953	137.0	0.0138

FOR HO: VARIANCES ARE EQUAL, F'= 4.00 WITH 62 AND 75 DF PROB > F'= 0.0001

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM294	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	6.76315789	1.58213713	0.18148358	5.00000000	10.00000000	UNEQUAL	-1.7937	124.3	0.0753
2	63	7.28571429	1.80883648	0.22789198	5.00000000	16.00000000	EQUAL	-1.8144	137.0	0.0715

FOR HO: VARIANCES ARE EQUAL, F'= 1.31 WITH 62 AND 75 DF PROB > F'= 0.2649

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	60.40000000	9.18452805	1.23844151	50.00000000	93.00000000	UNEQUAL	-2.6954	121.3	0.0080
4	84	64.82142857	9.85822477	1.07562050	52.00000000	123.00000000	EQUAL	-2.6557	137.0	0.0089

FOR HO: VARIANCES ARE EQUAL, F'= 1.15 WITH 83 AND 54 DF PROB > F'= 0.5822

VARIABLE: DEPRESS DEPRESSION

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	27.34545455	5.24657577	0.70744867	20.00000000	43.00000000	UNEQUAL	-0.7609	111.2	0.4493
4	84	28.02380952	4.97215425	0.54250650	20.00000000	50.00000000	EQUAL	-0.7695	137.0	0.4429

FOR HO: VARIANCES ARE EQUAL, F'= 1.11 WITH 54 AND 83 DF PROB > F'= 0.6512

VARIABLE: ANXIETY ANXIETY

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	6.30909091	1.42559575	0.19222729	5.00000000	11.00000000	UNEQUAL	0.0896	125.4	0.9288
4	84	6.28571429	1.61746066	0.17647943	5.00000000	16.00000000	EQUAL	0.0872	137.0	0.9306

FOR HO: VARIANCES ARE EQUAL, F'= 1.29 WITH 83 AND 54 DF PROB > F'= 0.3221

VARIABLE: ALCOHOL ALCOHOLISM

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	2.01818182	0.13483997	0.01818182	2.00000000	3.00000000	UNEQUAL	1.0000	54.0	0.3218
4	84	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	EQUAL	1.2382	137.0	0.2178

VARIABLE: GENHLTH GENERAL HEALTH

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	8.32727273	2.25301892	0.30379701	6.00000000	16.00000000	UNEQUAL	-1.4512	126.1	0.1492
4	84	8.92857143	2.58254434	0.28177869	6.00000000	15.00000000	EQUAL	-1.4104	137.0	0.1607

FOR HO: VARIANCES ARE EQUAL, F'= 1.31 WITH 83 AND 54 DF PROB > F'= 0.2842

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	12.05454545	2.85591123	0.38509099	11.00000000	27.00000000	UNEQUAL	-0.3234	108.3	0.7470
4	84	12.60952381	2.61357066	0.28516394	11.00000000	29.00000000	EQUAL	-0.3295	137.0	0.7423

FOR HO: VARIANCES ARE EQUAL, F'= 1.19 WITH 54 AND 83 DF PROB > F'= 0.4615

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	5.12727273	0.33634999	0.04535342	5.00000000	6.00000000	UNEQUAL	-27.4213	111.6	0.0001
4	84	8.22619048	0.94869842	0.10351148	8.00000000	16.00000000	EQUAL	-23.2620	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 7.96 WITH 83 AND 54 DF PROB > F'= 0.0001

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM48	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	60.13253012	6.68411127	0.73367653	50.00000000	83.00000000	UNEQUAL	-4.1575	78.4	0.0001
4	56	67.42857143	11.92988172	1.59419750	53.00000000	123.00000000	EQUAL	-4.6067	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 3.19 WITH 55 AND 82 DF PROB > F'= 0.0001

VARIABLE: DEPPESS DEPRESSION

ITEM48	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	26.72289157	3.88026040	0.42591391	20.00000000	37.00000000	UNEQUAL	-2.7587	84.2	0.0071
4	56	29.28571429	6.17830305	0.82561047	21.00000000	50.00000000	EQUAL	-3.0041	137.0	0.0032

FOR HO: VARIANCES ARE EQUAL, F'= 2.54 WITH 55 AND 82 DF PROB > F'= 0.0001

VARIABLE: ANXIETY ANXIETY

ITEM48	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	6.12048193	1.20362856	0.13211540	5.00000000	10.00000000	UNEQUAL	-1.5034	84.2	0.1365
4	56	6.55357143	1.91567356	0.25599265	5.00000000	16.00000000	EQUAL	-1.6370	137.0	0.1039

FOR HO: VARIANCES ARE EQUAL, F'= 2.53 WITH 55 AND 82 DF PROB > F'= 0.0001

VARIABLE: ALCOHOL ALCOHOLISM

ITEM48	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	2.00000000	0.00000000	0.00000000	2.00000000	2.00000000	UNEQUAL	-1.0000	55.0	0.3217
4	56	2.01785714	0.13363062	0.01785714	2.00000000	3.00000000	EQUAL	-1.2196	137.0	0.2247

VARIABLE: GENHLTH GENERAL HEALTH

ITEM48	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	7.24096386	1.58183562	0.17362902	6.00000000	13.00000000	UNEQUAL	-11.6386	102.7	0.0001
4	56	10.83928571	1.91431721	0.25581140	9.00000000	16.00000000	EQUAL	-12.0762	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.46 WITH 55 AND 82 DF PROB > F'= 0.1156

JOAN DI NAPOLI, R.N.

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM48	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	12.61445783	2.38302598	0.26157108	11.00000000	27.00000000	UNEQUAL	-0.6729	96.5	0.5026
4	56	12.94642857	3.13002842	0.41826764	11.00000000	29.00000000	EQUAL	-0.7089	137.0	0.4796

FOR HO: VARIANCES ARE EQUAL, F'= 1.73 WITH 55 AND 82 DF PROB > F'= 0.0247

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM48	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	6.84337349	1.46904588	0.16124873	5.00000000	9.00000000	UNEQUAL	-1.2497	94.3	0.2145
4	56	7.23214286	1.99080679	0.26603275	5.00000000	16.00000000	EQUAL	-1.3241	137.0	0.1877

FOR HO: VARIANCES ARE EQUAL, F'= 1.84 WITH 55 AND 82 DF PROB > F'= 0.0123

APPENDIX F

F TEST PROCEDURES ON MEANS OF SUBSCALES WITH SELECTED DEMOGRAPHIC CATEGORIES AND GROUPED SCORES

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: TOTAL SUM OF ALL ITEMS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	17.03568758	8.51784379	0.09	0.9164	0.001284	15.6521
ERROR	136	13254.24488796	97.45768300		STD DEV		TOTAL MEAN
CORRECTED TOTAL	138	13271.28057554			9.87206579		63.07194245

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	17.03568758	0.09	0.9164	2	17.03568758	0.09	0.9164

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: DEPPESS DEPRESSION

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	19.98037200	9.99018600	0.38	0.6815	0.005622	18.3653
ERROR	136	3533.70308123	25.98311089		STD DEV		DEPPESS MEAN
CORRECTED TOTAL	138	3553.68345324			5.09736313		27.75539568

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	19.98037200	0.38	0.6815	2	19.98037200	0.38	0.6815

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ANXIETY ANXIETY

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	0.10864569	0.05432284	0.02	0.9777	0.000332	24.6250
ERROR	136	326.79782913	2.40292521		STD DEV		ANXIETY MEAN
CORRECTED TOTAL	138	326.90647482			1.55013716		6.29496403

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	0.10864569	0.02	0.9777	2	0.10864569	0.02	0.9777

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ALCOHOL ALCOHOLISM

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	0.01066290	0.00533145	0.74	0.4799	0.010740	4.2338
ERROR	136	0.98214286	0.00722164		STD DEV		ALCOHOL MEAN
CORRECTED TOTAL	138	0.99280576			0.08498023		2.00719424

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	0.01066290	0.74	0.4799	2	0.01066290	0.74	0.4799

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: GENHLTH GENERAL HEALTH

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	1.10001259	0.55000630	0.09	0.9147	0.001310	29.5730
ERROR	136	838.59782913	6.16616051		STD DEV		GENHLTH MEAN
CORRECTED TOTAL	138	839.69784173			2.48317549		8.69064748

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	1.10001259	0.09	0.9147	2	1.10001259	0.09	0.9147

JEAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: EMOTSTAT EMOTIONAL STATUS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	6.26128005	3.13064003	0.42	0.6547	0.006210	21.2912
ERROR	136	1001.92577031	7.36710125		STD DEV		EMOTSTAT MEAN
CORRECTED TOTAL	138	1008.18705036			2.71424046		12.74820144

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	6.26128005	0.42	0.6547	2	6.26128005	0.42	0.6547

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: SUICIDE SUICIDE BEHAVIOR

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	5.00511204	2.50255602	0.86	0.4248	0.012513	24.3460
ERROR	136	394.99488796	2.90437418		STD DEV		SUICIDE MEAN
CORRECTED TOTAL	138	400.00000000			1.70422246		7.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	5.00511204	0.86	0.4248	2	5.00511204	0.86	0.4248

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: TOTAL SUM OF ALL ITEMS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	216.27829867	108.13914934	1.13	0.3272	0.016297	15.5340
ERROR	136	13055.00227687	95.99266380		STD DEV		TOTAL MEAN
CORRECTED TOTAL	138	13271.28057554			9.79758459		63.07194245

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	216.27829867	1.13	0.3272	2	216.27829867	1.13	0.3272

JOAN DI NAPOLI, P.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: DEPRESS DEPRESSION

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	59.39624272	29.69812136	1.16	0.3179	0.016714	18.2626
ERROR	136	3494.28721051	25.69328831		STD DEV		DEPRESS MEAN
CORRECTED TOTAL	138	3553.68345324			5.06885473		27.75539568

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	59.39624272	1.16	0.3179	2	59.39624272	1.16	0.3179

JOAN DI NAPOLI, P.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ANXIETY ANXIETY

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	10.95845244	5.47922622	2.36	0.0984	0.033522	24.2128
ERROR	136	315.94802238	2.32314722		STD DEV		ANXIETY MEAN
CORRECTED TOTAL	138	326.90647482			1.52418740		6.29496403

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	10.95845244	2.36	0.0984	2	10.95845244	2.36	0.0984

JOAN DI NAPOLI, P.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ALCOHOL ALCOHOLISM

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	0.00919920	0.00459960	0.64	0.5310	0.009266	4.23e9
ERROR	136	0.98360656	0.00723240		STD DEV		ALCOHOL MEAN
CORRECTED TOTAL	138	0.99280576			0.08504353		2.00719424

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	0.00919920	0.64	0.5310	2	0.00919920	0.64	0.5310

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: GENHLTH GENERAL HEALTH

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	1.79190886	0.89595443	0.15	0.8648	0.002134	28.5612
ERROR	136	837.90593286	6.16107304		STD DEV		GENHLTH MEAN
CORRECTED TOTAL	138	839.69784173			2.48215089		8.69064748

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	1.79190886	0.15	0.8648	2	1.79190886	0.15	0.8648

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: EMOTSTAT EMOTIONAL STATUS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	15.56553071	7.78276536	1.07	0.3471	0.015439	21.1921
ERROR	136	992.62151965	7.29868764		STD DEV		EMOTSTAT MEAN
CORRECTED TOTAL	138	1008.18705036			2.70160834		12.74820144

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	15.56553071	1.07	0.3471	2	15.56553071	1.07	0.3471

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: SUICIDE SUICIDE BEHAVIOR

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	2.54215457	1.27107728	0.43	0.6482	0.006355	24.4218
ERROR	136	397.45784543	2.92248416		STD DEV		SUICIDE MEAN
CORRECTED TOTAL	138	400.00000000			1.70952747		7.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	2.54215457	0.43	0.6482	2	2.54215457	0.43	0.6482

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: TOTAL SUM OF ALL ITEMS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	299.74328370	149.87164185	1.57	0.2115	0.022586	15.4842
ERROR	136	12971.53729184	95.37895068		STD DEV		TOTAL MEAN
CORRECTED TOTAL	138	13271.28057554			9.76621476		63.07194245

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
BSTUDA	2	299.74328370	1.57	0.2115	2	299.74328370	1.57	0.2115

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: DEPPESS DEPRESSION

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	95.38043972	47.69021986	1.88	0.1572	0.026840	18.1693
ERROR	136	3458.30301351	25.42869863		STD DEV		DEPPESS MEAN
CORRECTED TOTAL	138	3553.68345324			5.04268764		27.75539568

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
RSTUDA	2	95.38043972	1.88	0.1572	2	95.38043972	1.88	0.1572

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ANXIETY ANXIETY

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	5.32824353	2.66412176	1.13	0.3271	0.016299	24.4276
ERROR	136	321.57823129	2.36454582		STD DEV		ANXIETY MEAN
CORRECTED TOTAL	138	326.90647482			1.53770798		6.29496403

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
BSTUDA	2	5.32824353	1.13	0.3271	2	5.32824353	1.13	0.3271

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ALCOHOL ALCOHOLISM

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	0.01321392	0.00660696	0.92	0.4021	0.013310	4.2283
ERROR	136	0.97959184	0.00720288		STD DEV		ALCOHOL MEAN
CORRECTED TOTAL	138	0.99280576			0.08486979		2.00719424

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
BSTUDA	2	0.01321392	0.92	0.4021	2	0.01321392	0.92	0.4021

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: GENHLTH GENERAL HEALTH

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	13.36601669	6.68300834	1.10	0.3358	0.015918	25.3632
ERROR	136	826.33182504	6.07596930		STD DEV		GENHLTH MEAN
CORRECTED TOTAL	138	839.69784173			2.46494613		8.69054748

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
BSTUDA	2	13.36601669	1.10	0.3358	2	13.36601669	1.10	0.3358

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: EMOTSTAT EMOTIONAL STATUS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	8.82133484	4.41066742	0.60	0.5501	0.008750	21.2639
ERROR	136	999.36571552	7.34827732		STD DEV		EMOTSTAT MEAN
CORRECTED TOTAL	138	1008.18705036			2.71077061		12.74020144

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ASTUDA	2	8.82133484	0.60	0.5501	2	8.82133484	0.60	0.5501

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: SUICIDE SUICIDE BEHAVIOR

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	2.55579155	1.27789577	0.44	0.6467	0.006389	24.4214
ERROR	136	397.44420845	2.92238389		STD DEV		SUICIDE MEAN
CORRECTED TOTAL	138	400.00000000			1.70949814		7.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ASTUDA	2	2.55579155	0.44	0.6467	2	2.55579155	0.44	0.6467

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: TOTAL SUM OF ALL ITEMS

SOURCE	DF	SUM OF SQUARES	MEAN-SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	323.85787247	161.92893623	1.70	0.1864	0.024403	15.4698
ERROR	136	12947.42270307	95.20163752		STD DEV		TOTAL MEAN
CORRECTED TOTAL	138	13271.28057554			9.75713265		63.07194245

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDY	2	323.85787247	1.70	0.1864	2	323.85787247	1.70	0.1864

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: DEPRESS DEPRESSION

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	92.81421068	46.40710534	1.82	0.1654	0.026118	18.1751
ERROR	136	3460.86924256	25.44756796		STD DEV		DEPRESS MEAN
CORRECTED TOTAL	138	3553.68345324			5.04455825		27.75539568

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDA	2	92.81421068	1.82	0.1654	2	92.81421068	1.82	0.1654

JOAN DI NAPOLI, P.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ANXIETY ANXIETY

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	6.10799535	3.05399767	1.29	0.2773	0.018684	24.3980
ERROR	136	320.79847947	2.35881235		STD DEV		ANXIETY MEAN
CORRECTED TOTAL	138	326.90647482			1.53584255		6.29496403

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDA	2	6.10799535	1.29	0.2773	2	6.10799535	1.29	0.2773

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ALCOHOL ALCOHOLISM

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	0.01454489	0.00727244	1.01	0.3666	0.014650	4.2254
ERROR	136	0.97026087	0.00719309		STD DEV		ALCOHOL MEAN
CORRECTED TOTAL	138	0.99280576			0.08481211		2.00719424

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDA	2	0.01454489	1.01	0.3666	2	0.01454489	1.01	0.3666

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: GENHLTH GENERAL HEALTH

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	14.26045768	7.13022884	1.17	0.3120	0.016983	28.3479
ERROR	136	825.43738404	6.06939253		STD DEV		GENHLTH MEAN
CORRECTED TOTAL	138	839.69784173			2.46361371		8.69064748

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDA	2	14.26045768	1.17	0.3120	2	14.26045768	1.17	0.3120

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: EMOTSTAT EMOTIONAL STATUS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	4.35906778	2.17953389	0.30	0.7448	0.004324	21.3114
ERROR	136	1003.82798258	7.38108811		STD DEV		EMOTSTAT MEAN
CORRECTED TOTAL	138	1008.18705036			2.71681580		12.74820144

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDA	2	4.35906778	0.30	0.7448	2	4.35906778	0.30	0.7448

JOAN DI NAPOLI, R.N.

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: SUICIDE SUICIDE BEHAVIOR

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	2.56906913	1.28453456	0.44	0.6452	0.006423	24.4210
ERROR	136	397.43093087	2.92228626		STD DEV		SUICIDE MEAN
CORRECTED TOTAL	138	400.00000000			1.70946958		7.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDA	2	2.56906913	0.44	0.6452	2	2.56906913	0.44	0.6452

APPENDIX G

WILCOXON PROCEDURES ON RANKS OF SUBSCALES WITH SELECTED DEMOGRAPHIC CATEGORIES AND GROUPED SCORES

JEAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

NDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	71.32300885	41.31336693	3.88643464	1.50000000	138.00000000	UNEQUAL	0.8918	42.4	0.3775
2	26	64.25000000	35.25173755	6.91343452	10.50000000	139.00000000	EQUAL	0.8074	137.0	0.4208

FOR HO: VARIANCES ARE EQUAL, F'= 1.37 WITH 112 AND 25 DF PROB > F'= 0.3626

VARIABLE: DEPRESS DEPRESSION

NDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	70.84070796	40.60888502	3.82016256	2.00000000	138.00000000	UNEQUAL	0.5281	38.7	0.6005
2	26	66.34615385	38.78112150	7.60560366	5.50000000	139.00000000	EQUAL	0.5130	137.0	0.6085

FOR HO: VARIANCES ARE EQUAL, F'= 1.10 WITH 112 AND 25 DF PROB > F'= 0.8225

VARIABLE: ANXIETY ANXIETY

NDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	69.22123894	38.50828633	3.62255486	24.50000000	138.00000000	UNEQUAL	-0.4894	36.9	0.6275
2	26	73.38461538	39.25106564	7.69776729	24.50000000	139.00000000	EQUAL	-0.4953	137.0	0.6212

FOR HO: VARIANCES ARE EQUAL, F'= 1.04 WITH 25 AND 112 DF PROB > F'= 0.8505

VARIABLE: ALCOHOL ALCOHOLISM

NDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	UNEQUAL	-1.0000	25.0	0.3269
2	26	72.17307692	13.63007139	2.67307692	69.50000000	139.00000000	EQUAL	-2.1107	137.0	0.0366

VARIABLE: GENHLTH GENERAL HEALTH

NDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	113	72.53982301	39.93159003	3.75644800	19.00000000	139.00000000	UNEQUAL	1.6605	39.5	0.1047
2	26	58.96153846	37.03617774	7.26339204	19.00000000	134.00000000	EQUAL	1.5836	137.0	0.1156

FOR HO: VARIANCES ARE EQUAL, F'= 1.16 WITH 112 AND 25 DF PROB > F'= 0.6849

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JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

NOEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T
1	113	71.32743363	38.74480207	3.64480438	32.50000000	138.00000000	UNEQUAL	0.9073	40.1	0.369
2	26	64.23076923	35.28972393	6.92088427	32.50000000	139.00000000	EQUAL	0.8555	137.0	0.393

FOR HO: VARIANCES ARE EQUAL, F'= 1.21 WITH 112 AND 25 DF PROB > F'= 0.6050

VARIABLE: SUICIDE SUICIDE BEHAVIOR

NOEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T
1	113	69.34070796	36.92525422	3.47363572	24.50000000	137.50000000	UNEQUAL	-0.4761	40.4	0.636
2	26	72.86538462	33.33903349	6.53832240	24.50000000	139.00000000	EQUAL	-0.4464	137.0	0.656

FOR HO: VARIANCES ARE EQUAL, F'= 1.23 WITH 112 AND 25 DF PROB > F'= 0.5682

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	68.91428571	40.58145963	4.85041216	1.50000000	139.00000000	UNEQUAL	-0.3195	137.0	0.7498
2	69	71.10144928	40.12595791	4.83059767	1.50000000	134.00000000	EQUAL	-0.3195	137.0	0.7499

FOR HO: VARIANCES ARE EQUAL, F'= 1.02 WITH 69 AND 68 DF PROB > F'= 0.9263

VARIABLE: DEPRESS DEPRESSION

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	70.85000000	40.45102156	4.83482182	2.00000000	139.00000000	UNEQUAL	0.2504	137.0	0.8026
2	69	69.13768116	40.16838493	4.83570529	2.00000000	136.50000000	EQUAL	0.2504	137.0	0.8027

FOR HO: VARIANCES ARE EQUAL, F'= 1.01 WITH 69 AND 68 DF PROB > F'= 0.9543

VARIABLE: ANXIETY ANXIETY

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	71.35714286	39.53279164	4.72507236	24.50000000	139.00000000	UNEQUAL	0.4171	136.9	0.6773
2	69	68.62318841	37.74336773	4.54376752	24.50000000	136.00000000	EQUAL	0.4169	137.0	0.6774

FOR HO: VARIANCES ARE EQUAL, F'= 1.10 WITH 69 AND 68 DF PROB > F'= 0.7029

VARIABLE: ALCOHOL ALCOHOLISM

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	70.49285714	8.30683883	0.99285714	69.50000000	139.00000000	UNEQUAL	1.0000	69.0	0.3208
2	69	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	EQUAL	0.9928	137.0	0.3226

VARIABLE: GENHLTH GENERAL HEALTH

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	68.32857143	37.81427590	4.51967044	19.00000000	139.00000000	UNEQUAL	-0.4991	135.4	0.6185
2	69	71.69565217	41.60707461	5.00890317	19.00000000	137.50000000	EQUAL	-0.4994	137.0	0.6183

FOR HO: VARIANCES ARE EQUAL, F'= 1.21 WITH 68 AND 69 DF PROB > F'= 0.4303

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	65.55714286	38.47129015	4.59819866	32.50000000	139.00000000	UNEQUAL	-1.3896	137.0	0.1669
2	69	74.50724638	37.46022329	4.50968094	32.50000000	136.50000000	EQUAL	-1.3894	137.0	0.1670

FOR HO: VARIANCES ARE EQUAL, F'= 1.05 WITH 69 AND 68 DF PROB > F'= 0.8266

VARIABLE: SUICIDE SUICIDE BEHAVIOR

TOTDEANA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	70	69.06428571	36.21613075	4.32865556	24.50000000	139.00000000	UNEQUAL	-0.3060	136.9	0.7601
2	69	70.94927536	36.40753244	4.38295185	24.50000000	137.50000000	EQUAL	-0.3060	137.0	0.7601

FOR HO: VARIANCES ARE EQUAL, F'= 1.01 WITH 68 AND 69 DF PROB > F'= 0.9648

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	68.02739726	40.80865669	4.77629200	1.50000000	139.00000000	UNEQUAL	-0.6075	136.2	0.5446
2	66	72.18181818	39.76514093	4.89475049	1.50000000	133.00000000	EQUAL	-0.6067	137.0	0.5451

FOR HO: VARIANCES ARE EQUAL, F'= 1.05 WITH 72 AND 65 DF PROB > F'= 0.8343

VARIABLE: DEPRESS DEPRESSION

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	69.43150685	40.92237868	4.78960215	2.00000000	139.00000000	UNEQUAL	-0.1751	136.3	0.8612
2	66	70.62878788	39.63286424	4.87846835	2.00000000	133.50000000	EQUAL	-0.1748	137.0	0.8615

FOR HO: VARIANCES ARE EQUAL, F'= 1.07 WITH 72 AND 65 DF PROB > F'= 0.7952

VARIABLE: ANXIETY ANXIETY

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	73.60273973	40.22151847	4.70757266	24.50000000	139.00000000	UNEQUAL	1.1663	137.0	0.2455
2	66	66.01515152	36.47780882	4.49010788	24.50000000	136.00000000	EQUAL	1.1606	137.0	0.2478

FOR HO: VARIANCES ARE EQUAL, F'= 1.22 WITH 72 AND 65 DF PROB > F'= 0.4244

VARIABLE: ALCOHOL ALCOHOLISM

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	70.45205479	8.13435973	0.95205479	69.50000000	139.00000000	UNEQUAL	1.0000	72.0	0.3207
2	65	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	EQUAL	0.9505	137.0	0.3435

VARIABLE: GENHLTH GENERAL HEALTH

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	67.04109589	39.27253011	4.59650198	19.00000000	139.00000000	UNEQUAL	-0.9243	135.0	0.3570
2	66	73.27272727	40.07350763	4.93270780	19.00000000	137.50000000	EQUAL	-0.9252	137.0	0.3565

FOR HO: VARIANCES ARE EQUAL, F'= 1.04 WITH 65 AND 72 DF PROB > F'= 0.8646

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	64.80136986	38.07637972	4.45650316	32.50000000	139.00000000	UNEQUAL	-1.7046	135.9	0.0906
2	66	75.75000000	37.57804699	4.62553783	32.50000000	136.50000000	EQUAL	-1.7034	137.0	0.0908

FOR HO: VARIANCES ARE EQUAL, F'= 1.03 WITH 72 AND 65 DF PROB > F'= 0.9169

VARIABLE: SUICIDE SUICIDE BEHAVIOR

YRSPRESA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	73	68.36301370	34.97183989	4.09314426	24.50000000	139.00000000	UNEQUAL	-0.5573	132.9	0.5782
2	66	71.81060606	37.68061787	4.63816343	24.50000000	137.50000000	EQUAL	-0.5594	137.0	0.5768

FOR HO: VARIANCES ARE EQUAL, F'= 1.16 WITH 65 AND 72 DF PROB > F'= 0.5358

JOAN DI NAPOLI, P.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS.

RSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	73.16666667	40.79682892	4.53298099	1.50000000	139.00000000	UNEQUAL	1.1044	125.6	0.27
2	58	65.57758621	39.33401743	5.16480952	3.00000000	135.50000000	EQUAL	1.0977	137.0	0.27

FOR HO: VARIANCES ARE EQUAL, F'= 1.08 WITH 80 AND 57 DF PROB > F'= 0.7775

VARIABLE: DEPRESS DEPRESSION

RSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	72.59259259	41.58238142	4.62026460	2.00000000	139.00000000	UNEQUAL	0.9114	128.8	0.36
2	58	66.37931034	38.18035574	5.01332632	2.00000000	133.50000000	EQUAL	0.8985	137.0	0.37

FOR HO: VARIANCES ARE EQUAL, F'= 1.19 WITH 80 AND 57 DF PROB > F'= 0.4986

VARIABLE: ANXIETY ANXIETY

RSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	73.69135802	39.58610614	4.39845624	24.50000000	139.00000000	UNEQUAL	1.3550	128.1	0.17
2	58	64.84482759	36.74280326	4.82469774	24.50000000	136.00000000	EQUAL	1.3383	137.0	0.18

FOR HO: VARIANCES ARE EQUAL, F'= 1.16 WITH 80 AND 57 DF PROB > F'= 0.5556

VARIABLE: ALCOHOL ALCOHOLISM

RSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	70.35802469	7.72222222	0.85802469	69.50000000	139.00000000	UNEQUAL	1.0000	80.0	0.320
2	58	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	EQUAL	0.8453	137.0	0.399

VARIABLE: GENHLTH GENERAL HEALTH

RSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	74.82098765	39.68849870	4.40983319	19.00000000	139.00000000	UNEQUAL	1.7122	124.4	0.089
2	58	63.26724138	38.89946731	5.10775029	19.00000000	137.50000000	EQUAL	1.7044	137.0	0.090

FOR HO: VARIANCES ARE EQUAL, F'= 1.04 WITH 80 AND 57 DF PROB > F'= 0.8812

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

BSTUDR	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	69.83950617	38.80603440	4.31111493	32.50000000	139.00000000	UNEQUAL	-0.0588	125.5	0.9532
2	58	70.22413793	37.43721907	4.91574769	32.50000000	138.00000000	EQUAL	-0.0585	137.0	0.9535

FOR HO: VARIANCES ARE EQUAL, F'= 1.07 WITH 80 AND 57 DF PROB > F'= 0.7822

VARIABLE: SUICIDE SUICIDE BEHAVIOR

BSTUDR	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	69.83950617	37.93372734	4.21485859	24.50000000	139.00000000	UNEQUAL	-0.0627	130.3	0.9501
2	58	70.22413793	33.93403979	4.45575772	24.50000000	133.00000000	EQUAL	-0.0616	137.0	0.9510

FOR HO: VARIANCES ARE EQUAL, F'= 1.25 WITH 80 AND 57 DF PROB > F'= 0.3757

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

TSTUDR	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	74.04000000	41.18241884	4.75533612	1.50000000	139.00000000	UNEQUAL	1.2908	135.6	0.1990
2	64	65.26562500	38.85738768	4.85717346	1.50000000	135.50000000	EQUAL	1.2849	137.0	0.2010

FOR HO: VARIANCES ARE EQUAL, F'= 1.12 WITH 74 AND 63 DF PROB > F'= 0.6380

VARIABLE: DEPPESS DEPRESSION

TSTUDR	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	73.33333333	41.88290735	4.83622157	2.00000000	139.00000000	UNEQUAL	1.0676	136.5	0.2876
2	64	66.09375000	38.02765024	4.75345628	2.00000000	133.50000000	EQUAL	1.0594	137.0	0.2913

FOR HO: VARIANCES ARE EQUAL, F'= 1.21 WITH 74 AND 63 DF PROB > F'= 0.4325

VARIABLE: ANXIETY ANXIETY

TSTUDR	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	75.09333333	40.33078542	4.65699796	24.50000000	139.00000000	UNEQUAL	1.7147	136.8	0.0889
2	64	64.03125000	35.71801766	4.46475221	24.50000000	136.00000000	EQUAL	1.6982	137.0	0.0917

FOR HO: VARIANCES ARE EQUAL, F'= 1.27 WITH 74 AND 63 DF PROB > F'= 0.3233

VARIABLE: ALCOHOL ALCOHOLISM

TSTUDR	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	70.42666667	8.02516874	0.92666667	69.50000000	139.00000000	UNEQUAL	1.0000	74.0	0.3206
2	64	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	EQUAL	0.9233	137.0	0.3575

VARIABLE: GENHLTH GENERAL HEALTH

TSTUDR	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	75	75.12000000	40.24635622	4.64724892	19.00000000	139.00000000	UNEQUAL	1.6656	135.3	0.0981
2	64	64.00000000	38.34751291	4.79343911	19.00000000	137.50000000	EQUAL	1.6592	137.0	0.0994

FOR HO: VARIANCES ARE EQUAL, F'= 1.10 WITH 74 AND 63 DF PROB > F'= 0.6963

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

TSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB >
1	75	69.14666667	39.15188489	4.52087026	32.50000000	139.00000000	UNEQUAL	-0.2861	135.5	0.7
2	64	71.00000000	37.11361792	4.63920224	32.50000000	138.00000000	EQUAL	-0.2849	137.0	0.7

FOR HO: VARIANCES ARE EQUAL, F'= 1.11 WITH 74 AND 63 DF PROB > F'= 0.6654

VARIABLE: SUICIDE SUICIDE BEHAVIOR

TSTUDB	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB >
1	75	70.74666667	38.08741487	4.39795585	24.50000000	139.00000000	UNEQUAL	0.2647	136.7	0.7
2	64	69.12500000	34.11465263	4.26433158	24.50000000	133.00000000	EQUAL	0.2624	137.0	0.7

FOR HO: VARIANCES ARE EQUAL, F'= 1.25 WITH 74 AND 63 DF PROB > F'= 0.3704

JOAN DI NAPOLI, P.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEMZA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	64.42352941	41.05843005	4.45341201	1.50000000	139.00000000	UNEQUAL	-2.1165	120.2	0.0364
2	54	78.77777778	37.58633667	5.11485256	1.50000000	137.00000000	EQUAL	-2.0751	137.0	0.0399

FOR HO: VARIANCES ARE EQUAL, F'= 1.19 WITH 84 AND 53 DF PROB > F'= 0.4926

VARIABLE: DEPRESS DEPRESSION

ITEMZA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	63.71176471	41.05102635	4.45260897	2.00000000	139.00000000	UNEQUAL	-2.4086	121.5	0.0175
2	54	79.89814815	36.98959308	5.03364605	13.00000000	136.50000000	EQUAL	-2.3530	137.0	0.0200

FOR HO: VARIANCES ARE EQUAL, F'= 1.23 WITH 84 AND 53 DF PROB > F'= 0.4173

VARIABLE: ANXIETY ANXIETY

ITEMZA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	65.00000000	36.50766391	3.95981212	24.50000000	139.00000000	UNEQUAL	-1.8921	104.0	0.0613
2	54	77.87037037	40.44111047	5.53055462	24.50000000	136.00000000	EQUAL	-1.9381	137.0	0.0547

FOR HO: VARIANCES ARE EQUAL, F'= 1.24 WITH 53 AND 84 DF PROB > F'= 0.3752

VARIABLE: ALCOHOL ALCOHOLISM

ITEMZA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	70.31764706	7.53833341	0.81764706	69.50000000	139.00000000	UNEQUAL	1.0000	84.0	0.3202
2	54	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	EQUAL	0.7960	137.0	0.4274

VARIABLE: GENHLTH GENERAL HEALTH

ITEMZA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	71.41176471	39.58175509	4.29324413	19.00000000	139.00000000	UNEQUAL	0.5243	112.1	0.6011
2	54	67.77777778	39.98498146	5.44126677	19.00000000	137.50000000	EQUAL	0.5255	137.0	0.6001

FOR HO: VARIANCES ARE EQUAL, F'= 1.02 WITH 53 AND 84 DF PROB > F'= 0.9202

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM2A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	72.95882353	37.74232907	4.09373036	32.50000000	139.00000000	UNEQUAL	1.1446	111.2	0.2548
2	54	65.34259259	38.54828191	5.24575673	32.50000000	136.50000000	EQUAL	1.1500	137.0	0.2521

FOR HO: VARIANCES ARE EQUAL, F' = 1.04 WITH 53 AND 84 DF PROB > F' = 0.8503

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM2A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	85	65.95294118	37.78499825	4.09835848	24.50000000	139.00000000	UNEQUAL	-1.7173	124.1	0.0984
2	54	76.37037037	32.86567648	4.47245208	24.50000000	133.00000000	EQUAL	-1.7546	137.0	0.0983

FOR HO: VARIANCES ARE EQUAL, F' = 1.32 WITH 84 AND 53 DF PROB > F' = 0.2763

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	63.14583333	41.50160675	4.89101126	1.50000000	138.00000000	UNEQUAL	-2.1137	136.9	0.0362
2	67	77.36567164	37.73487878	4.61004917	3.00000000	139.00000000	EQUAL	-2.1084	137.0	0.0368

FOR HO: VARIANCES ARE EQUAL, F'= 1.21 WITH 71 AND 66 DF PROB > F'= 0.4354

VARIABLE: DEPRESS DEPRESSION

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	60.45833333	41.56610284	4.89864755	2.00000000	138.00000000	UNEQUAL	-2.9997	136.4	0.0032
2	67	80.25373134	36.19239133	4.42160434	13.00000000	139.00000000	EQUAL	-2.9848	137.0	0.0034

FOR HO: VARIANCES ARE EQUAL, F'= 1.32 WITH 71 AND 66 DF PROB > F'= 0.2566

VARIABLE: ANXIETY ANXIETY

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	70.98611111	38.86433357	4.58020564	24.50000000	138.00000000	UNEQUAL	0.3118	136.5	0.7557
2	67	68.94029851	38.45102379	4.69754021	24.50000000	139.00000000	EQUAL	0.3117	137.0	0.7557

FOR HO: VARIANCES ARE EQUAL, F'= 1.02 WITH 71 AND 66 DF PROB > F'= 0.9321

VARIABLE: ALCOHOL ALCOHOLISM

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	70.46527778	8.19065355	0.96527778	69.50000000	139.00000000	UNEQUAL	1.0000	71.0	0.3207
2	67	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	EQUAL	0.9644	137.0	0.3365

VARIABLE: GENHLTH GENERAL HEALTH

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	67.45833333	39.79124665	4.68944339	19.00000000	139.00000000	UNEQUAL	-0.7828	136.4	0.4351
2	67	72.73134328	39.58002331	4.83546946	19.00000000	137.50000000	EQUAL	-0.7827	137.0	0.4352

FOR HO: VARIANCES ARE EQUAL, F'= 1.01 WITH 71 AND 66 DF PROB > F'= 0.9673

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	72.91666667	38.06314250	4.48578436	32.50000000	136.50000000	UNEQUAL	0.9351	136.2	0.3514
2	67	66.86567164	38.17678000	4.66403600	32.50000000	139.00000000	EQUAL	0.9352	137.0	0.3513

FOR HO: VARIANCES ARE EQUAL, F'= 1.01 WITH 66 AND 71 DF PROB > F'= 0.9780

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEMSA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	72	67.24305556	36.97143864	4.35712583	24.50000000	137.50000000	UNEQUAL	-0.9320	136.9	0.3530
2	67	72.96268657	35.37133249	4.32129604	24.50000000	139.00000000	EQUAL	-0.9306	137.0	0.3537

FOR HO: VARIANCES ARE EQUAL, F'= 1.09 WITH 71 AND 66 DF PROB > F'= 0.7177

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	59.84567901	39.85298310	4.42810923	1.50000000	135.50000000	UNEQUAL	-3.7259	128.8	0.0003
2	58	84.18103448	36.56497441	4.80121636	10.50000000	139.00000000	EQUAL	-3.6729	137.0	0.0003

FOR HO: VARIANCES ARE EQUAL, F'= 1.19 WITH 80 AND 57 DF PROB > F'= 0.4948

VARIABLE: DEPPESS DEPRESSION

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	56.34567901	38.15049492	4.23894388	2.00000000	136.50000000	UNEQUAL	-5.2285	128.7	0.0001
2	58	89.06896552	35.06753488	4.60459291	13.00000000	139.00000000	EQUAL	-5.1557	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.18 WITH 80 AND 57 DF PROB > F'= 0.5042

VARIABLE: ANXIETY ANXIETY

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	62.16049383	36.85620938	4.09513438	24.50000000	136.00000000	UNEQUAL	-2.8891	119.7	0.0046
2	58	80.94827586	38.47198681	5.05161935	24.50000000	139.00000000	EQUAL	-2.9098	137.0	0.0042

FOR HO: VARIANCES ARE EQUAL, F'= 1.09 WITH 57 AND 80 DF PROB > F'= 0.7163

VARIABLE: ALCOHOL ALCOHOLISM

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	UNEQUAL	-1.0000	57.0	0.3215
2	58	70.65827586	9.12579708	1.19827586	69.50000000	139.00000000	EQUAL	-1.1835	137.0	0.2387

VARIABLE: GENHLTH GENERAL HEALTH

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	65.40123457	38.23900330	4.24877814	19.00000000	137.50000000	UNEQUAL	-1.6076	117.7	0.1106
2	58	76.42241379	40.97354749	5.38009036	19.00000000	139.00000000	EQUAL	-1.6262	137.0	0.1062

FOR HO: VARIANCES ARE EQUAL, F'= 1.15 WITH 57 AND 80 DF PROB > F'= 0.5637

JOAN DI NAPOLI, P.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	66.72439506	38.02455728	4.22517303	32.50000000	138.00000000	UNEQUAL	-1.1981	122.9	0.2332
2	58	74.56896552	38.06025328	4.99755609	32.50000000	139.00000000	EQUAL	-1.1983	137.0	0.2329

FOR HO: VARIANCES ARE EQUAL, F'= 1.00 WITH 57 AND 80 DF PROB > F'= 0.9833

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM6A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	81	72.74691358	34.12743796	3.79193755	24.50000000	137.50000000	UNEQUAL	1.0354	112.8	0.3027
2	58	66.16379310	38.86993470	5.10387247	24.50000000	139.00000000	EQUAL	1.0579	137.0	0.2919

FOR HO: VARIANCES ARE EQUAL, F'= 1.30 WITH 57 AND 80 DF PROB > F'= 0.2810

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	61.69306931	38.10957690	3.79204463	1.50000000	139.00000000	UNEQUAL	-4.2235	67.3	0.0001
2	38	92.07894737	37.68925690	6.11400481	5.00000000	138.00000000	EQUAL	-4.2022	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.02 WITH 100 AND 37 DF PROB > F'= 0.9686

VARIABLE: DEPRESS DEPRESSION

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	60.24257426	38.62600250	3.84343090	2.00000000	139.00000000	UNEQUAL	-5.5041	79.3	0.0001
2	38	95.93421053	32.19559544	5.22281525	13.00000000	138.00000000	EQUAL	-5.0689	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.44 WITH 100 AND 37 DF PROB > F'= 0.2103

VARIABLE: ANXIETY ANXIETY

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	65.62871287	36.63759363	3.64557682	24.50000000	139.00000000	UNEQUAL	-2.0892	60.0	0.0409
2	38	81.61842105	41.48435625	6.72965123	24.50000000	138.00000000	EQUAL	-2.2106	137.0	0.0287

FOR HO: VARIANCES ARE EQUAL, F'= 1.28 WITH 37 AND 100 DF PROB > F'= 0.3329

VARIABLE: ALCOHOL ALCOHOLISM

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	70.18811881	6.91550847	0.68811881	69.50000000	139.00000000	UNEQUAL	1.0000	100.0	0.3197
2	38	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	EQUAL	0.6120	137.0	0.5416

VARIABLE: GENHLTH GENERAL HEALTH

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	67.52475248	38.62792877	3.84362257	19.00000000	137.50000000	UNEQUAL	-1.1572	62.0	0.2516
2	38	76.57894737	42.01070107	6.81503563	19.00000000	139.00000000	EQUAL	-1.2023	137.0	0.2313

FOR HO: VARIANCES ARE EQUAL, F'= 1.18 WITH 37 AND 100 DF PROB > F'= 0.5065

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY PANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	65.44554455	36.77416899	3.65916658	32.50000000	139.00000000	UNEQUAL	-2.2621	62.7	0.0272
2	38	82.10526316	39.39785937	6.39117674	32.50000000	136.50000000	EQUAL	-2.3344	137.0	0.0210

FOR HO: VARIANCES ARE EQUAL, F'= 1.15 WITH 37 AND 100 DF PROB > F'= 0.5811

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM12A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	101	69.02475248	36.84035669	3.66575250	24.50000000	139.00000000	UNEQUAL	-0.5305	70.3	0.5974
2	38	72.59210526	34.75257238	5.63761168	24.50000000	137.50000000	EQUAL	-0.5166	137.0	0.6063

FOR HO: VARIANCES ARE EQUAL, F'= 1.12 WITH 100 AND 37 DF PROB > F'= 0.7026

JEAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	57.11702128	35.11926114	3.62227521	1.50000000	135.50000000	UNEQUAL	-6.0251	82.8	0.0001
2	45	96.91111111	37.04792487	5.52277856	10.50000000	139.00000000	EQUAL	-6.1405	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.11 WITH 44 AND 93 DF PROB > F'= 0.6563

VARIABLE: DEPRESS DEPRESSION

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	54.99468085	34.49540212	3.55792906	2.00000000	121.00000000	UNEQUAL	-7.6997	91.5	0.0001
2	45	101.34444444	32.57278951	4.85566477	24.50000000	139.00000000	EQUAL	-7.5447	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.12 WITH 93 AND 44 DF PROB > F'= 0.6836

VARIABLE: ANXIETY ANXIETY

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	61.78191489	37.30905210	3.84813490	24.50000000	136.00000000	UNEQUAL	-3.8692	90.5	0.0002
2	45	87.16666667	35.64455205	5.31357609	24.50000000	139.00000000	EQUAL	-3.8071	137.0	0.0002

FOR HO: VARIANCES ARE EQUAL, F'= 1.10 WITH 93 AND 44 DF PROB > F'= 0.7501

VARIABLE: ALCOHOL ALCOHOLISM

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	70.23936170	7.16437766	0.73936170	69.50000000	139.00000000	UNEQUAL	1.0000	93.0	0.3199
2	45	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	EQUAL	0.6906	137.0	0.4910

VARIABLE: GENHLTH GENERAL HEALTH

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	61.65425532	36.52720496	3.76749353	19.00000000	134.00000000	UNEQUAL	-3.6171	79.1	0.0005
2	45	87.43333333	40.58347178	6.04982678	19.00000000	139.00000000	EQUAL	-3.7545	137.0	0.0003

FOR HO: VARIANCES ARE EQUAL, F'= 1.23 WITH 44 AND 93 DF PROB > F'= 0.3946

JOAN DI NAPOLI, P.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	64.05851064	36.07234788	3.72057860	32.50000000	138.00000000	UNEQUAL	-2.6292	79.9	0.0103
2	45	82.41111111	39.61910824	5.90606795	32.50000000	139.00000000	EQUAL	-2.7180	137.0	0.0074

FOR HO: VARIANCES ARE EQUAL, F'= 1.21 WITH 44 AND 93 DF PROB > F'= 0.4469

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM14A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	94	69.67553191	35.69168358	3.68131608	24.50000000	137.50000000	UNEQUAL	-0.1494	82.8	0.8816
2	45	70.67777778	37.61530086	5.60735798	24.50000000	139.00000000	EQUAL	-0.1522	137.0	0.8792

FOR HO: VARIANCES ARE EQUAL, F'= 1.11 WITH 44 AND 93 DF PROB > F'= 0.6617

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	65.81048387	39.32130480	3.53115741	1.50000000	139.00000000	UNEQUAL	-4.5106	20.1	0.0002
2	15	104.63333333	30.40057957	7.84939589	51.00000000	138.00000000	EQUAL	-3.6883	137.0	0.0003

FOR HO: VARIANCES ARE EQUAL, F' = 1.67 WITH 123 AND 14 DF PROB > F' = 0.2748

VARIABLE: DEPRESS DEPRESSION

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	65.65322581	39.18899264	3.51927543	2.00000000	139.00000000	UNEQUAL	-4.8123	20.6	0.0001
2	15	104.93333333	29.41322994	7.59446331	47.50000000	138.00000000	EQUAL	-3.8467	137.0	0.0002

FOR HO: VARIANCES ARE EQUAL, F' = 1.78 WITH 123 AND 14 DF PROB > F' = 0.2225

VARIABLE: ANXIETY ANXIETY

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	67.31048387	37.22228290	3.34265968	24.50000000	139.00000000	UNEQUAL	-2.1362	16.6	0.0479
2	15	92.23333333	43.29131663	11.17776989	24.50000000	138.00000000	EQUAL	-2.4063	137.0	0.0174

FOR HO: VARIANCES ARE EQUAL, F' = 1.35 WITH 14 AND 123 DF PROB > F' = 0.3738

VARIABLE: ALCOHOL ALCOHOLISM

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	70.06048387	6.24128425	0.56048387	69.50000000	139.00000000	UNEQUAL	1.0000	123.0	0.3193
2	15	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	EQUAL	0.3467	137.0	0.7294

VARIABLE: GENHLTH GENERAL HEALTH

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	68.46774194	39.58995833	3.55528322	19.00000000	137.50000000	UNEQUAL	-1.3297	17.7	0.2005
2	15	82.66666667	38.99893161	10.06948084	19.00000000	139.00000000	EQUAL	-1.3139	137.0	0.1911

FOR HO: VARIANCES ARE EQUAL, F' = 1.03 WITH 123 AND 14 DF PROB > F' = 1.0000

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	66.72580645	37.28343182	3.34815102	32.50000000	139.00000000	UNEQUAL	-3.1577	18.1	0.0054
2	15	97.06666667	34.80085162	9.00619716	32.50000000	138.00000000	EQUAL	-2.9960	137.0	0.0032

FOR HO: VARIANCES ARE EQUAL, F'= 1.14 WITH 123 AND 14 DF PROB > F'= 0.8260

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM16A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	124	69.37661290	37.04705009	3.32692331	24.50000000	139.00000000	UNEQUAL	-0.4795	20.0	0.6368
2	15	73.50000000	28.95501437	7.47615256	24.50000000	92.50000000	EQUAL	-0.3953	137.0	0.6932

FOR HO: VARIANCES ARE EQUAL, F'= 1.64 WITH 123 AND 14 DF PROB > F'= 0.2962

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	52.86021505	34.18152991	3.54445954	1.50000000	130.00000000	UNEQUAL	-9.6811	110.0	0.0001
2	46	104.65217391	27.17778291	4.00714548	51.00000000	139.00000000	EQUAL	-8.9649	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.58 WITH 92 AND 45 DF PROB > F'= 0.0902

VARIABLE: DEPRESS DEPRESSION

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	52.80107527	34.13003744	3.53912002	2.00000000	127.50000000	UNEQUAL	-9.7881	111.0	0.0001
2	46	104.77173913	26.84496777	3.95807456	36.50000000	139.00000000	EQUAL	-9.0322	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.62 WITH 92 AND 45 DF PROB > F'= 0.0762

VARIABLE: ANXIETY ANXIETY

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	64.22043011	37.19290652	3.85672474	24.50000000	136.00000000	UNEQUAL	-2.5240	86.1	0.0134
2	46	81.68478261	38.96271133	5.74473838	24.50000000	139.00000000	EQUAL	-2.5643	137.0	0.0114

FOR HO: VARIANCES ARE EQUAL, F'= 1.10 WITH 45 AND 92 DF PROB > F'= 0.6954

VARIABLE: ALCOHOL ALCOHOLISM

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	UNEQUAL	-1.0000	45.0	0.3227
2	46	71.01086957	10.24721595	1.51086957	69.50000000	139.00000000	EQUAL	-1.4272	137.0	0.1558

VARIABLE: GENHLTH GENERAL HEALTH

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	58.95698925	37.03521062	3.84037244	19.00000000	134.00000000	UNEQUAL	-5.1517	93.6	0.0001
2	46	92.32608696	35.37689412	5.21603847	19.00000000	139.00000000	EQUAL	-5.0720	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.10 WITH 92 AND 45 DF PROB > F'= 0.7462

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	58.06129032	33.22421862	3.44519098	32.50000000	131.50000000	UNEQUAL	-5.2785	81.1	0.0001
2	46	92.92391304	37.31085147	5.50118493	32.50000000	139.00000000	EQUAL	-5.4905	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F' = 1.26 WITH 45 AND 92 DF PROB > F' = 0.3476

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM20A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	93	64.76344086	35.26172264	3.65647031	24.50000000	137.50000000	UNEQUAL	-2.4501	87.9	0.0163
2	46	80.58695652	36.10514035	5.32341252	24.50000000	139.00000000	EQUAL	-2.4699	137.0	0.0147

FOR HO: VARIANCES ARE EQUAL, F' = 1.05 WITH 45 AND 92 DF PROB > F' = 0.8313

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM25A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	61.47706422	37.78253965	3.61891096	1.50000000	134.00000000	UNEQUAL	-5.5642	51.3	0.0001
2	30	100.96666667	33.43932574	6.10515767	17.50000000	139.00000000	EQUAL	-5.1898	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F' = 1.28 WITH 108 AND 29 DF PROB > F' = 0.4554

VARIABLE: DEPRESS DEPRESSION

ITEM25A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	62.41284404	39.17126634	3.65614422	2.00000000	136.50000000	UNEQUAL	-4.7367	49.2	0.0001
2	30	97.56666667	35.37501878	6.45856525	13.00000000	139.00000000	EQUAL	-4.5351	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F' = 1.16 WITH 108 AND 29 DF PROB > F' = 0.6539

VARIABLE: ANXIETY ANXIETY

ITEM25A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	56.08256881	30.91210012	2.96084220	24.50000000	132.00000000	UNEQUAL	-17.6824	124.6	0.0001
2	30	120.56666667	11.66096741	2.12899163	106.00000000	139.00000000	EQUAL	-11.1840	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F' = 7.03 WITH 108 AND 29 DF PROB > F' = 0.0001

VARIABLE: ALCOHOL ALCOHOLISM

ITEM25A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	70.13761468	6.65689268	0.63761468	69.50000000	139.00000000	UNEQUAL	1.0000	108.0	0.3195
2	30	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	EQUAL	0.5232	137.0	0.6017

VARIABLE: GENHLTH GENERAL HEALTH

ITEM25A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	67.37614679	37.89087376	3.62928749	19.00000000	137.50000000	UNEQUAL	-1.3582	41.1	0.1818
2	30	79.53333333	44.81454762	8.18197954	19.00000000	139.00000000	EQUAL	-1.4944	137.0	0.1376

FOR HO: VARIANCES ARE EQUAL, F' = 1.40 WITH 29 AND 108 DF PROB > F' = 0.2213

JEAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM2SA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	65.09255881	35.90832847	3.44705670	32.50000000	131.50000000	UNEQUAL	-2.7767	42.2	0.0082
2	30	87.86666667	40.78495610	7.44628015	32.50000000	139.00000000	EQUAL	-2.9823	137.0	0.0034

FOR HO: VARIANCES ARE EQUAL, F'= 1.28 WITH 29 AND 108 DF PROB > F'= 0.3577

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM2SA	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	109	68.87614679	34.96725690	3.34925578	24.50000000	137.50000000	UNEQUAL	-0.6387	41.5	0.5265
2	30	74.08333333	40.71284711	7.43311491	24.50000000	139.00000000	EQUAL	-0.6965	137.0	0.4873

FOR HO: VARIANCES ARE EQUAL, F'= 1.36 WITH 29 AND 108 DF PROB > F'= 0.2665

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS.

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	54.97368421	35.98202280	4.12742108	1.50000000	137.00000000	UNEQUAL	-5.2653	129.7	0.0001
2	63	88.12698413	37.74307972	4.75518108	10.50000000	139.00000000	EQUAL	-5.2890	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.10 WITH 62 AND 75 DF PROB > F'= 0.6887

VARIABLE: DEPRESS DEPRESSION

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	59.05263158	36.73759010	4.21409060	2.00000000	136.50000000	UNEQUAL	-3.6530	126.8	0.0004
2	63	83.20634921	40.44187734	5.09519762	5.50000000	139.00000000	EQUAL	-3.6861	137.0	0.0003

FOR HO: VARIANCES ARE EQUAL, F'= 1.21 WITH 62 AND 75 DF PROB > F'= 0.4247

VARIABLE: ANXIETY ANXIETY

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	61.21710526	38.61315281	4.42923239	24.50000000	136.00000000	UNEQUAL	-3.0581	135.1	0.0027
2	63	80.59523810	35.96771145	4.53150570	24.50000000	139.00000000	EQUAL	-3.0378	137.0	0.0029

FOR HO: VARIANCES ARE EQUAL, F'= 1.15 WITH 75 AND 62 DF PROB > F'= 0.5662

VARIABLE: ALCOHOL ALCOHOLISM

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	UNEQUAL	-1.0000	62.0	0.3212
2	63	70.60317460	8.75617696	1.10317460	69.50000000	139.00000000	EQUAL	-1.0992	137.0	0.2736

VARIABLE: GENHLTH GENERAL HEALTH

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	49.02631579	33.42512974	3.83412533	19.00000000	129.00000000	UNEQUAL	-8.4682	135.3	0.0001
2	63	95.30158730	30.90588467	3.89377547	47.00000000	139.00000000	EQUAL	-8.4060	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.17 WITH 75 AND 62 DF PROB > F'= 0.5261

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JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	64.21052632	35.69045280	4.09397571	32.50000000	131.50000000	UNEQUAL	-1.9675	125.6	0.0513
2	63	76.98412698	39.99445206	5.03882733	32.50000000	139.00000000	EQUAL	-1.9886	137.0	0.0487

FOR HO: VARIANCES ARE EQUAL, F'= 1.26 WITH 62 AND 75 DF PROB > F'= 0.3447

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM29A	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	76	65.52631579	37.33424654	4.28253178	24.50000000	137.50000000	UNEQUAL	-1.6228	135.5	0.1070
2	63	75.39682540	34.28170286	4.31908359	24.50000000	139.00000000	EQUAL	-1.6099	137.0	0.1097

FOR HO: VARIANCES ARE EQUAL, F'= 1.19 WITH 75 AND 62 DF PROB > F'= 0.4899

JOAN DI NAPOLI, P.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	54.36363636	42.48316165	5.72842835	1.50000000	138.00000000	UNEQUAL	-3.7475	100.6	0.0003
4	84	80.23809524	35.32520826	3.85429621	5.00000000	139.00000000	EQUAL	-3.8941	137.0	0.0002

FOR HO: VARIANCES ARE EQUAL, F'= 1.45 WITH 54 AND 83 DF PROB > F'= 0.1285

VARIABLE: DEPRESS DEPRESSION

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	65.25454545	42.20232054	5.69055974	2.00000000	138.00000000	UNEQUAL	-1.1079	108.5	0.2704
4	84	73.10714286	38.72952793	4.22573794	2.00000000	139.00000000	EQUAL	-1.1280	137.0	0.2613

FOR HO: VARIANCES ARE EQUAL, F'= 1.19 WITH 54 AND 83 DF PROB > F'= 0.4755

VARIABLE: ANXIETY ANXIETY

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	70.80909091	39.50990198	5.32751404	24.50000000	138.00000000	UNEQUAL	0.1981	112.7	0.8433
4	84	69.47023810	38.12008224	4.15924196	24.50000000	139.00000000	EQUAL	0.1996	137.0	0.8421

FOR HO: VARIANCES ARE EQUAL, F'= 1.07 WITH 54 AND 83 DF PROB > F'= 0.7589

VARIABLE: ALCOHOL ALCOHOLISM

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	70.76363636	9.37137809	1.26363636	69.50000000	139.00000000	UNEQUAL	1.0000	54.0	0.3218
4	84	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	EQUAL	1.2382	137.0	0.2178

VARIABLE: GENHLTH GENERAL HEALTH

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	64.30000000	38.12948213	5.14137832	19.00000000	139.00000000	UNEQUAL	-1.3931	120.2	0.1662
4	84	73.73214286	40.37642507	4.40542915	19.00000000	137.50000000	EQUAL	-1.3765	137.0	0.1709

FOR HO: VARIANCES ARE EQUAL, F'= 1.12 WITH 83 AND 54 DF PROB > F'= 0.6583

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JOAN DI NAPOLI, P.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS.

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	65.81818182	38.54691269	5.19766465	32.50000000	138.00000000	UNEQUAL	-1.0431	114.0	0.2991
4	84	72.73809524	37.78509907	4.12269230	32.50000000	139.00000000	EQUAL	-1.0475	137.0	0.2967

FOR HO: VARIANCES ARE EQUAL, F' = 1.04 WITH 54 AND 83 DF PROB > F' = 0.8582

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEM47	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	55	28.00000000	9.24962462	1.24721913	24.50000000	52.00000000	UNEQUAL	-35.6893	136.9	0.0001
4	84	97.50000000	13.70691497	1.49554703	92.50000000	139.00000000	EQUAL	-32.9862	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F' = 2.20 WITH 83 AND 54 DF PROB > F' = 0.0025

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: TOTAL SUM OF ALL ITEMS

ITEM48	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	58.13253012	37.45900884	4.11166039	1.50000000	135.50000000	UNEQUAL	-4.5119	117.1	0.0001
4	56	87.58928571	37.94974034	5.07124737	10.50000000	139.00000000	EQUAL	-4.5234	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 1.03 WITH 55 AND 82 DF PROB > F'= 0.9033

VARIABLE: DEPPESS DEPRESSION

ITEM48	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	63.57831325	36.03506469	3.95536440	2.00000000	133.50000000	UNEQUAL	-2.2402	101.6	0.0273
4	56	79.51785714	44.26130716	5.91466596	5.50000000	139.00000000	EQUAL	-2.3305	137.0	0.0212

FOR HO: VARIANCES ARE EQUAL, F'= 1.51 WITH 55 AND 82 DF PROB > F'= 0.0900

VARIABLE: ANXIETY ANXIETY

ITEM49	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	66.92771084	37.24638897	4.08832232	24.50000000	136.00000000	UNEQUAL	-1.1281	111.8	0.2617
4	56	74.55357143	40.28609940	5.38345648	24.50000000	139.00000000	EQUAL	-1.1455	137.0	0.2540

FOR HO: VARIANCES ARE EQUAL, F'= 1.17 WITH 55 AND 82 DF PROB > F'= 0.5134

VARIABLE: ALCOHOL ALCOHOLISM

ITEM48	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	69.50000000	0.00000000	0.00000000	69.50000000	69.50000000	UNEQUAL	-1.0000	55.0	0.3217
4	56	70.74107143	9.28732816	1.24107143	69.50000000	139.00000000	EQUAL	-1.2196	137.0	0.2247

VARIABLE: GENHLTH GENERAL HEALTH

ITEM48	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	45.62650602	29.84317173	3.27571366	19.00000000	129.00000000	UNEQUAL	-14.3944	137.0	0.0001
4	56	106.12500000	19.70584823	2.63330474	80.00000000	139.00000000	EQUAL	-13.3282	137.0	0.0001

FOR HO: VARIANCES ARE EQUAL, F'= 2.29 WITH 82 AND 55 DF PROB > F'= 0.0014

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JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

TTEST PROCEDURE

VARIABLE: EMOTSTAT EMOTIONAL STATUS

ITEMGR	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	69.51807229	37.28314909	4.09235727	32.50000000	138.00000000	UNEQUAL	-0.1788	113.3	0.8584
4	56	70.71428571	39.61127676	5.29327951	32.50000000	139.00000000	EQUAL	-0.1809	137.0	0.8567

FOR HO: VARIANCES ARE EQUAL, F'= 1.13 WITH 55 AND 82 DF PROB > F'= 0.6115

VARIABLE: SUICIDE SUICIDE BEHAVIOR

ITEMGR	N	MEAN	STD DEV	STD ERROR	MINIMUM	MAXIMUM	VARIANCES	T	DF	PROB > |T|
1	83	66.96578313	33.92261747	3.72349100	24.50000000	133.00000000	UNEQUAL	-1.1798	106.4	0.2407
4	56	74.52678571	39.19095671	5.23711188	24.50000000	139.00000000	EQUAL	-1.2133	137.0	0.2271

FOR HO: VARIANCES ARE EQUAL, F'= 1.33 WITH 55 AND 82 DF PROB > F'= 0.2330

APPENDIX H

KRUOKAL WALLIS H PROCEDURES ON RANKS OF SUBSCALES WITH SELECTED DEMOGRAPHIC CATEGORIES AND GROUP SCORES

JEAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: TOTAL SUM OF ALL ITEMS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	1803.86945028	901.93472514	0.55	0.5760	0.008079	57.6503
ERROR	136	221481.63054972	1628.54140110		STD DEV		TOTAL MEAN
CORRECTED TOTAL	138	223285.50000000			40.35519051		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	1803.86945028	0.55	0.5760	2	1803.86945028	0.55	0.5760

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: DEPRESS DEPRESSION

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	1452.29429272	726.14714636	0.45	0.6409	0.006521	57.6229
ERROR	136	221271.20570728	1626.99415961		STD DEV		DEPRESS MEAN
CORRECTED TOTAL	138	222723.50000000			40.33601566		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	1452.29429272	0.45	0.6409	2	1452.29429272	0.45	0.6409

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ANXIETY ANXIETY

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	542.60605742	271.30302871	0.18	0.8351	0.002647	55.3857
ERROR	136	204423.39394258	1503.11319075		STD DEV		ANXIETY MEAN
CORRECTED TOTAL	138	204966.00000000			38.77000375		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	542.60605742	0.18	0.8351	2	542.60605742	0.18	0.8351

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ALCOHOL ALCOHOLISM

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	51.50446429	25.75223214	0.74	0.4799	0.010740	8.4373
ERROR	136	4743.99553571	34.88232012		STD DEV		ALCOHOL MEAN
CORRECTED TOTAL	138	4795.50000000			5.90612564		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	51.50446429	0.74	0.4799	2	51.50446429	0.74	0.4799

JOAN DI NAPOLI, P.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: GENHLTH GENERAL HEALTH

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	1006.29469538	503.14734769	0.32	0.7298	0.004642	56.9021
ERROR	136	215770.20530462	1586.54562724		STD DEV		GENHLTH MEAN
CORRECTED TOTAL	138	216776.50000000			39.83146529		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	1006.29469538	0.32	0.7288	2	1006.29469538	0.32	0.7288

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: EMOTSTAT EMOTIONAL STATUS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	45.31806723	22.65903361	0.02	0.9847	0.000226	54.8220
ERROR	136	200283.18193277	1472.67045539		STD DEV		EMOTSTAT MEAN
CORRECTED TOTAL	138	200328.50000000			38.37538867		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	45.31806723	0.02	0.9847	2	45.31806723	0.02	0.9847

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: SUICIDE SUICIDE BEHAVIOR

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	2404.61892507	1202.30946254	0.92	0.4023	0.013303	51.7338
ERROR	136	178354.38107493	1311.42927261		STD DEV		SUICIDE MEAN
CORRECTED TOTAL	139	180759.00000000			36.21366141		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ACADA	2	2404.61892507	0.92	0.4023	2	2404.61892507	0.92	0.4023

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: TOTAL SUM OF ALL ITEMS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	980.09471767	490.04735883	0.30	0.7415	0.004389	57.7574
ERROR	136	222305.40528233	1634.59856825		STD DEV		TOTAL MEAN
CORRECTED TOTAL	138	223285.50000000			40.43016904		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	980.09471767	0.30	0.7415	2	980.09471767	0.30	0.7415

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: DEPRESS DEPRESSION

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	2136.86652680	1068.43326340	0.66	0.5192	0.009594	57.5337
ERROR	136	220586.63347320	1621.96054024		STD DEV		DEPRESS MEAN
CORRECTED TOTAL	138	222723.50000000			40.27357124		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	2136.86652680	0.66	0.5192	2	2136.86652680	0.66	0.5192

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ANXIETY ANXIETY

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	5112.87091790	2556.43545895	1.74	0.1795	0.024945	54.7631
ERROR	136	199853.12908210	1469.50830207		STD DEV		ANXIETY MEAN
CORRECTED TOTAL	138	204966.00000000			38.33416625		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	5112.87091790	1.74	0.1795	2	5112.87091790	1.74	0.1795

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ALCOHOL ALCOHOLISM

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	44.43442623	22.21721311	0.64	0.5310	0.009266	8.4436
ERROR	136	4751.06557377	34.93430569		STD DEV		ALCOHOL MEAN
CORRECTED TOTAL	138	4795.50000000			5.91052499		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	44.43442623	0.64	0.5310	2	44.43442623	0.64	0.5310

JEAN DI NAPOLI, P.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: GENHLTH GENERAL HEALTH

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	489.37404046	244.68702023	0.15	0.8575	0.002258	56.9702
ERROR	136	216287.12595954	1590.34651441		STD DEV		GENHLTH MEAN
CORRECTED TOTAL	138	216776.50000000			39.87914887		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	489.37404046	0.15	0.8575	2	489.37404046	0.15	0.8575

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: EMOTSTAT EMOTIONAL STATUS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	1353.96267564	676.98133782	0.46	0.6306	0.006759	54.6426
ERROR	136	198974.53732436	1463.04806856		STD DEV		EMOTSTAT MEAN
CORRECTED TOTAL	138	200328.50000000			38.24981135		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	1353.96267564	0.46	0.6306	2	1353.96267564	0.46	0.6306

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: SUICIDE SUICIDE BEHAVIOR

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	1221.87389409	610.93694705	0.46	0.6305	0.006760	51.9051
ERROR	136	179537.12610591	1320.12592725		STD DEV		SUICIDE MEAN
CORRECTED TOTAL	138	180759.00000000			36.33353722		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
AGEA	2	1221.87389409	0.46	0.6305	2	1221.87389409	0.46	0.6305

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JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: TOTAL SUM OF ALL ITEMS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	9079.26167390	4539.63083695	2.88	0.0594	0.040662	56.6955
ERROR	136	214206.23832610	1575.04587004		STD DEV		TOTAL MEAN
CORRECTED TOTAL	138	223285.50000000			39.68684757		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
RSTUDA	2	9079.26167390	2.88	0.0594	2	9079.26167390	2.88	0.0594

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: DEPRESS DEPRESSION

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	6512.69504725	3256.34752362	2.05	0.1329	0.029241	56.9602
ERROR	136	216210.80495275	1589.78533053		STD DEV		DEPRESS MEAN
CORRECTED TOTAL	138	222723.50000000			39.87211219		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
BSTUDA	2	6512.69504725	2.05	0.1329	2	6512.69504725	2.05	0.1329

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JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ANXIETY ANXIETY

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	4159.38406132	2079.69203066	1.41	0.2481	0.020293	54.8536
ERROR	136	200806.61593868	1476.51923404		STD DEV		ANXIETY MEAN
CORRECTED TOTAL	138	204966.00000000			38.42550240		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ASTUDA	2	4159.38406132	1.41	0.2481	2	4159.38406132	1.41	0.2481

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ALCOHOL ALCOHOLISM

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	63.82653061	31.91326531	0.92	0.4021	0.013310	8.4264
ERROR	136	4731.67346939	34.79171669		STD DEV		ALCOHOL MEAN
CORRECTED TOTAL	138	4795.50000000			5.89845036		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
ASTUDA	2	63.82653061	0.92	0.4021	2	63.82653061	0.92	0.4021

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: GENHLTH GENERAL HEALTH

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	2874.75433250	1437.37716625	0.91	0.4034	0.013261	56.6552
ERROR	136	213901.74566750	1572.80695344		STD DEV		GENHLTH MEAN
CORRECTED TOTAL	138	216776.50000000			39.65863025		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
BSTUDA	2	2874.75433250	0.91	0.4034	2	2874.75433250	0.91	0.4034

JEAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: EMOTSTAT EMOTIONAL STATUS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	3423.06214794	1711.53107397	1.18	0.3098	0.017087	54.3577
ERROR	136	196905.43785206	1447.83410185		STD DEV		EMOTSTAT MEAN
CORRECTED TOTAL	138	200328.50000000			38.05041527		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
RSTUDA	2	3423.06214794	1.18	0.3098	2	3423.06214794	1.18	0.3098

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: SUICIDE SUICIDE BEHAVIOR

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	3077.84464555	1538.92232278	1.18	0.3110	0.017027	51.6361
ERROR	136	177681.15535445	1306.47908349		STD DEV		SUICIDE MEAN
CORRECTED TOTAL	138	180759.00000000			36.14524981		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
BSTUDA	2	3077.84464555	1.18	0.3110	2	3077.84464555	1.18	0.3110

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: TOTAL SUM OF ALL ITEMS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	9568.52708821	4784.26354410	3.04	0.0509	0.042853	56.6307
ERROR	136	213716.97291179	1571.44833023		STD DEV		TOTAL MEAN
CORRECTED TOTAL	138	223285.50000000			39.64149758		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTJOA	2	9568.52708821	3.04	0.0509	2	9568.52708821	3.04	0.0509

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: DEPRESS DEPRESSION

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	6273.56191014	3136.78095507	1.97	0.1433	0.028167	56.9517
ERROR	136	216449.93808986	1591.54366243		STD DEV		DEPRESS MEAN
CORRECTED TOTAL	138	222723.50000000			39.89415574		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTIDA	2	6273.56191014	1.97	0.1433	2	6273.56191014	1.97	0.1433

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ANXIETY ANXIETY

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	5168.21547048	2584.10773524	1.76	0.1761	0.025215	54.7555
ERROR	136	199797.78452952	1469.10135683		STD DEV		ANXIETY MEAN
CORRECTED TOTAL	138	204966.00000000			38.32885802		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDA	2	5168.21547048	1.76	0.1761	2	5168.21547048	1.76	0.1761

JEAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: ALCOHOL ALCOHOLISM

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	70.25543478	35.12771739	1.01	0.3666	0.014650	8.4206
ERROR	136	4725.24456522	34.74444533		STD DEV		ALCOHOL MEAN
CORRECTED TOTAL	138	4795.50000000			5.89444190		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDA	2	70.25543478	1.01	0.3666	2	70.25543478	1.01	0.3666

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: GENHLTH GENERAL HEALTH

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	3011.67908567	1505.83954283	0.96	0.3862	0.013893	56.6370
ERROR	136	213764.82091433	1571.80015378		STD DEV		GENHLTH MEAN
CORRECTED TOTAL	138	216776.50000000			39.64593490		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDA	2	3011.67908567	0.96	0.3862	2	3011.67908567	0.96	0.3862

JEAN DI NAPOLI, P.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: EMOTSTAT EMOTIONAL STATUS

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	4588.86385819	2294.43192910	1.59	0.2068	0.022907	54.1966
ERROR	136	195739.63614181	1439.26203045		STD DEV		EMOTSTAT MEAN
CORRECTED TOTAL	138	200328.50000000			37.93760707		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDA	2	4588.86385819	1.59	0.2068	2	4588.86385819	1.59	0.2068

JOAN DI NAPOLI, R.N.

NOTE: SUBSCORES HAVE BEEN REPLACED BY RANKS

GENERAL LINEAR MODELS PROCEDURE

DEPENDENT VARIABLE: SUICIDE SUICIDE BEHAVIOR

SOURCE	DF	SUM OF SQUARES	MEAN SQUARE	F VALUE	PR > F	R-SQUARE	C.V.
MODEL	2	3240.40850105	1620.20425052	1.24	0.2923	0.017927	51.6124
ERROR	136	177518.59149895	1305.28376102		STD DEV		SUICIDE MEAN
CORRECTED TOTAL	138	180759.00000000			36.12871103		70.00000000

SOURCE	DF	TYPE I SS	F VALUE	PR > F	DF	TYPE IV SS	F VALUE	PR > F
TSTUDA	2	3240.40850105	1.24	0.2923	2	3240.40850105	1.24	0.2923

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